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LISTS OF SPECIES

Orchidaceae in Santa Catarina: Update, geographic distribution and conservation

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ABSTRACT: This study consists of a checklist and an analysis of the spatial distribution of the species of Orchidaceae of the Brazilian state of Santa Catarina. Based on literature, the accepted names and current synonyms for the species in the state are cited. The occurrence of 121 genera and 560 accepted species was detected, 12 of them endemic. Of the three subfamilies represented in the state, Epidendroideae is the most representative, with 94 genera and 432 species, followed by Orchidoideae with 25 genera and 122 species, and Vanilloideae, with only two genera and six species. According to the criteria of the International Union for Conservation of Nature, 24 species fall within the vulnerable category, seven are endangered and four are critically endangered. The life form, plant formation and habitat of each species are also presented.

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INTRODUCTION

In Brazil, current estimations suggest the occurrence of 291 genera and 2539 species of Orchidaceae. Of these, 1632 are endemic (Barros *et al*. 2013), 72 are reported as rare by Giulietti *et al*. (2005), and 34 are listed in the "Lista Oficial das Espécies Brasileiras Ameaçadas de Extinção" (MMA 2008).

Until the publications of Pabst and Dungs (1975, 1977) taxonomic studies of the Brazilian species of Orchidaceae were relatively scarce. Subsequently, a reasonable volume of research has been undertaken in the country. However, these studies are generally concentrated in institutions where there are experts in the family, and usually discuss the flora of delimited regions of a state, such as Barros (1983), Menini Neto *et al*. (2004, 2007), and Azevedo and van den Berg (2007).

Swarts and Dixon (2009) recommend the use of Orchidaceae as a model group for optimization of the conservation of plants in general, however, the state of Santa Catarina (SC) still does not have a resident expert who is devoted to the family, and therefore this important component of the forests of the state still needs proper attention. The sampling effort in the state is considerable, but the lack of more careful attention to the family is reflected in the herbaria collections and data published in SC. According to the online data of the herbarium FLOR, from the Universidade Federal de Santa Catarina, which has among its depositories important collectors in the state, such as R. Reitz, R.M. Klein and J.A. Rohr, the family represents less than 3% of the herbarium collection, and appears in the ninth position among the families with more records.

Amongst the publications with reference to Orchidaceae in SC, we can quote initially the lists of Pabst (1951, 1952, 1953, 1954, 1956, 1957, 1959), Pabst and Dungs (1975, 1977), Rohr (1951) and further, Klein *et al*. (1977/1978) and Klein (1979). Besides these, we can highlight the diversity of *Bulbophyllum* Thouars in southern Brazil (Mancinelli and Smidt 2012). Barros and Lourenço (2004) and Batista and Bianchetti (2005) cited two new occurrences for SC and more recently, occurrences of *Anathallis seidelii* Luer (Luer and Toscano de Brito 2011) and *Sarcoglottis catharinensis* Mancinelli and Smidt (Mancinelli and Smidt 2013) were reported. It is observed that the main publications are old and quite outdated regarding nomenclatural changes and the actual taxonomic positions of many Orchidaceae (Chase 2005), and thus, the state needs updated publications on the taxonomy of the family. Such deficiency is evident in a study that used the family for analyzing floristic similarity between grasslands and forest formations in 29 localities in southern and southeastern Brazil, plus the Distrito Federal and Bahia (Abreu *et al*. 2011); SC is the only state with no publications on the subject. Note that the "Flora Ilustrada Catarinense" does not present a volume on Orchidaceae.

This study presents an analysis of the spatial distribution of Orchidaceae in SC, as well as an updated list of species which occur in the state, including the accepted names and their synonyms. For each taxon, the life form, voucher in SC, threat category, plant formation and environment of occurrence are also mentioned.

MATERIALS AND METHODS

Study Site

The state of Santa Catarina is located in southern Brazil, between latitudes 25°57′ S and 29°23′ S and longitudes 48°19′ W and 53°50′ W. The climate is humid subtropical (humid mesothermic), with two subtypes of Köppen's classification (Cfa and Cfb) basically influenced by the local elevations (Pandolfo *et al*. 2002; WorldClim 2013). The terrain is quite diverse varying from sea level

to 1827 m above sea level, with 77% of its territory above 300 m and 52% above 600 m. In general, relief ensues, from east to west, as coastal lowlands, Serra do Mar, paleozoic plateau and basaltic plateau. Rainfall is well distributed throughout the year with a small decrease in winter (Pandolfo *et al*. 2002). The vegetation of SC can be subdivided into Tropical Ombrophilous Forests and associated ecosystems to the east, Araucaria Forests, high-elevation grasslands and cloud forests to the west and Seasonal Deciduous Forest to the southwest (Klein 1978).

Data Collection

The old literature with references to the state, as aforementioned, was digitized and an initial database was constructed. This initial database was compared with the list of Orchidaceae for Brazil (Barros *et al*. 2010). Then, nomenclatural updates were made, as well as the selection of a voucher or bibliographic reference for each species occurring in SC. The herbarium FLOR was chosen as the initial reference for the vouchers, followed by the herbaria FURB, HB, HBR and SP. For species not available in the aforementioned herbaria , information available on the network SpeciesLink from the "Centro de Referência em Informação Ambiental" (CRIA 2013) or directly on the websites of the herbaria AMES, BR, HBG, HUEFS, ICN, K, NY, P, R, RB, S, UPCB, US and W (acronyms according to Thiers 2012), were used. In the absence of any herbarium vouchers we used a bibliographic reference indicating the occurrence in SC. In the case of not being a new citation, we used only the last reference as a source to indicate the taxon for the state.

The framework of the taxa in the categories of threat was made based on the Red List from "Centro Nacional de Conservação da Flora" (CNCFlora 2013), using the criteria of the International Union for Conservation of Nature (IUCN 2012). Information about the life form, plant formation and environment were obtained from literature, data sheets and personal notes.

We used 2661 geo-referenced records, deposited in the collections of the herbaria previously cited for the construction of cartograms, using the software DIVA-GIS (available from http://www.diva-gis.org) and QGIS (available from http://www.qgis.org). For records without information about coordinates we used the coordinates of the centre of the municipality obtained by geoLoc tool (available from http://splink.cria.org.br/geoloc).

Results

A total of 121 genera and 560 species were registered, 58 of which were not previously referred to the state by Barros *et al*. (2013) on the "Lista de Espécies da Flora do Brasil". Thirty-eight taxa were cited for the first time in this study, these were detected only in the collections of the herbaria consulted or in the literature as synonyms (Table 1).

From the total, 12 species are endemic to SC (Table 1). Of the six life forms detected in Orchidaceae species from state of SC, 351 species are exclusively epiphytic and 131 are exclusively terricolous; two are exclusively mycoheterotrophic, vine or rupicolous. Only two species present three life forms at the same time. None are exclusively saxicolous (Figure 1). Twenty-three species are

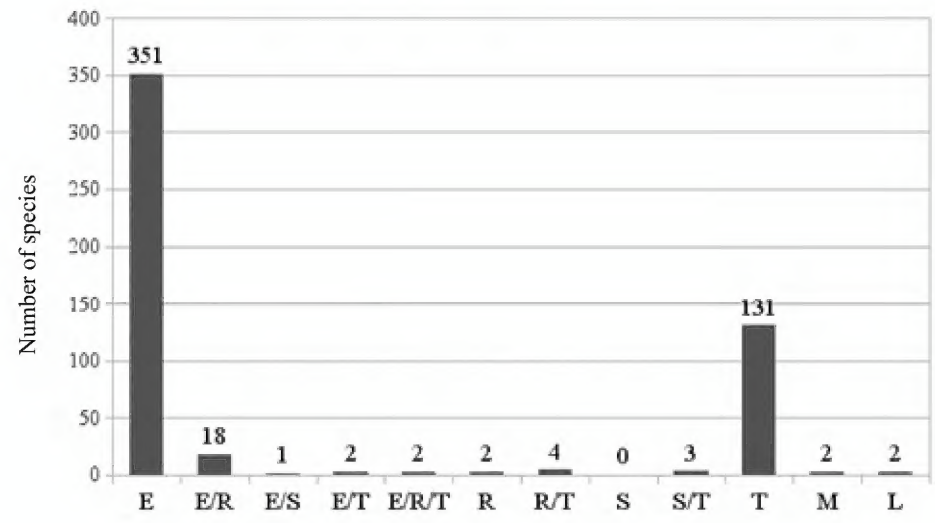

Figure 1. Distribution of the life forms of Orchidaceae species from the state of Santa Catarina: E = epiphytic, L = vine, M = mycoheterotrophic, R = rupicolous, S = saxicolous, T = terricolous.

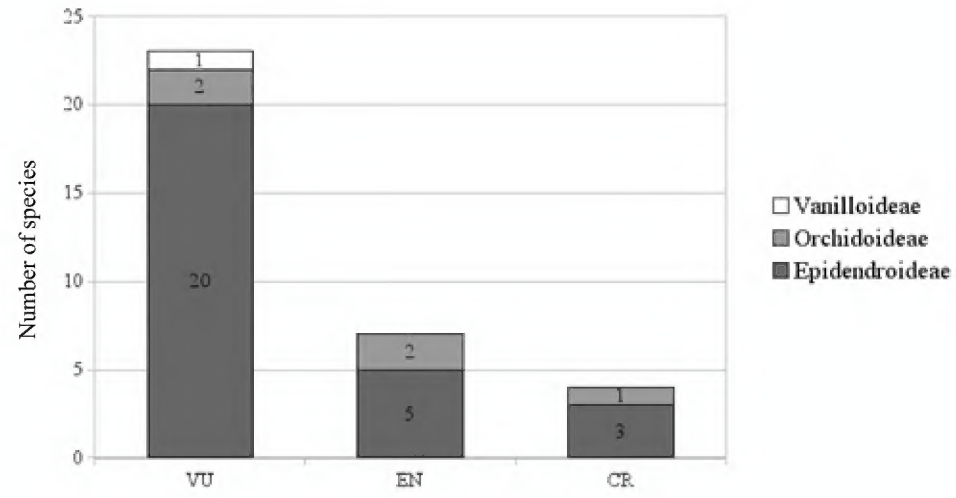

Figure 2. Categories of threat to Orchidaceae species in the state of Santa Catarina: CR = critically endangered, EN = endangered and VU = vulnerable.

classified as vulnerable: one Vanilloideae, two Orchidoideae and 20 Epidendroideae; seven species are classified as endangered: two Orchidoideae, five Epidendroideae, and four as critically endangered: three Epidendroideae, and one Orchidoideae (Figure 2).

The subfamily Vanilloideae is represented by two genera, *Cleistes* Rich. ex Lindl. and *Vanilla* Miller, and by six species. Orchidoideae is represented by 25 genera and 122 species, highlighting by the number of species: *Habenaria* Willd. (41), *Cyclopogon* Presl (14), *Brachystele* Schltr. (8), and *Pelexia* Poit. (7).

As expected, Epidendroideae presents the highest richness, 94 genera and 432 species (Figure 1). The genera with more than 10 species are: *Acianthera* Scheidw. (40), *Epidendrum* L. (28), *Octomeria* R. Br. (27), *Pabstiella* Brieger & Senghas (25), *Anathallis* Barb. Rodr. (20), *Coppensia* Dumort. and *Stelis* Sw. (14 species each), *Gomesa* R. Br. (12) and *Campylocentrum* Benth. (11).

Discussion

Major circumscription changes occurred in several genera of Orchidaceae due to the recent phylogenetic studies. The megagenera *Oncidium* Sw. and *Pleurothallis* R.Br., are examples of taxa subdivided into several smaller genera and thus, contrary to what has happened so far, none of the two genera as currently interpreted, have records in the state. Likewise, the name of the flower symbol of the state, *Laelia purpurata* Lindl. & Paxton (Lindley and Paxton 1853), is currently accepted as *Cattleya purpurata* (Lindl. & Paxton) Van den Berg according van den Berg (2008).

Distribution Analysis

Generally there is a strong relation between number of records observed and species richness (Figures 3–4). This congruence can be mainly related to two factors: (1) proximity to research institutions with regions with more records, and (2) the state of conservation of the remaining forests and associated ecosystems of the state.

Although the financial and structural difficulties undergone by Brazilian researchers are little commented, these are notorious. Such difficulties are particularly evident in studies on biodiversity, especially those related to descriptive taxonomy, where research is labelled as complex, expensive and time consuming (Gardner *et al*. 2008). Because of these difficulties, taxonomists, in field research, tend to move as close as possible to their institution or to places with good infrastructure. This can be observed in Orchidaceae vouchers in herbaria, and the visit repetition of the same local and municipal collections that are reflected in the maps on the overall distribution of the subfamilies of Orchidaceae (Figure 5) as well as records observed (Figure 3).

The Atlantic Forest was one of the largest forests in the tropics, originally covering 150 million hectares. Currently, with about 11% of its original area, it is represented by sparsely distributed fragments that hardly exceed 100 hectares (Ranta *et al*. 1998; Ribeiro *et al*. 2009). In SC, 80% of the remnants of this formation have no more than 50 hectares (Vibrans *et al*. 2012, 2013). Silva and Casteleti (2003) divided the Atlantic Forest into eight biogeographic subregions (BSR), later, Ribeiro *et al*. (2009), in a study

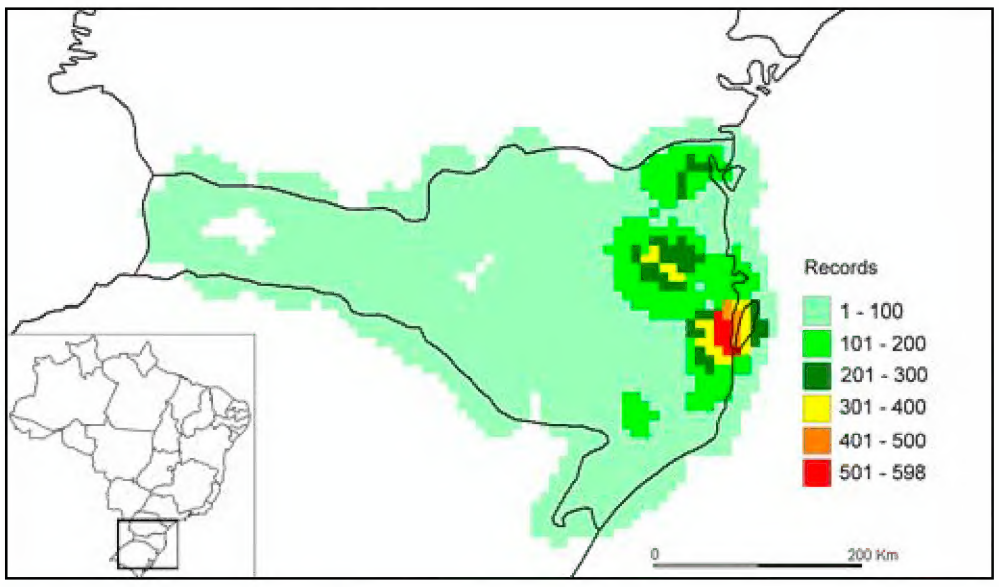

FIGURE 3. Distribution of the records of Orchidaceae in the state of Santa Catarina.

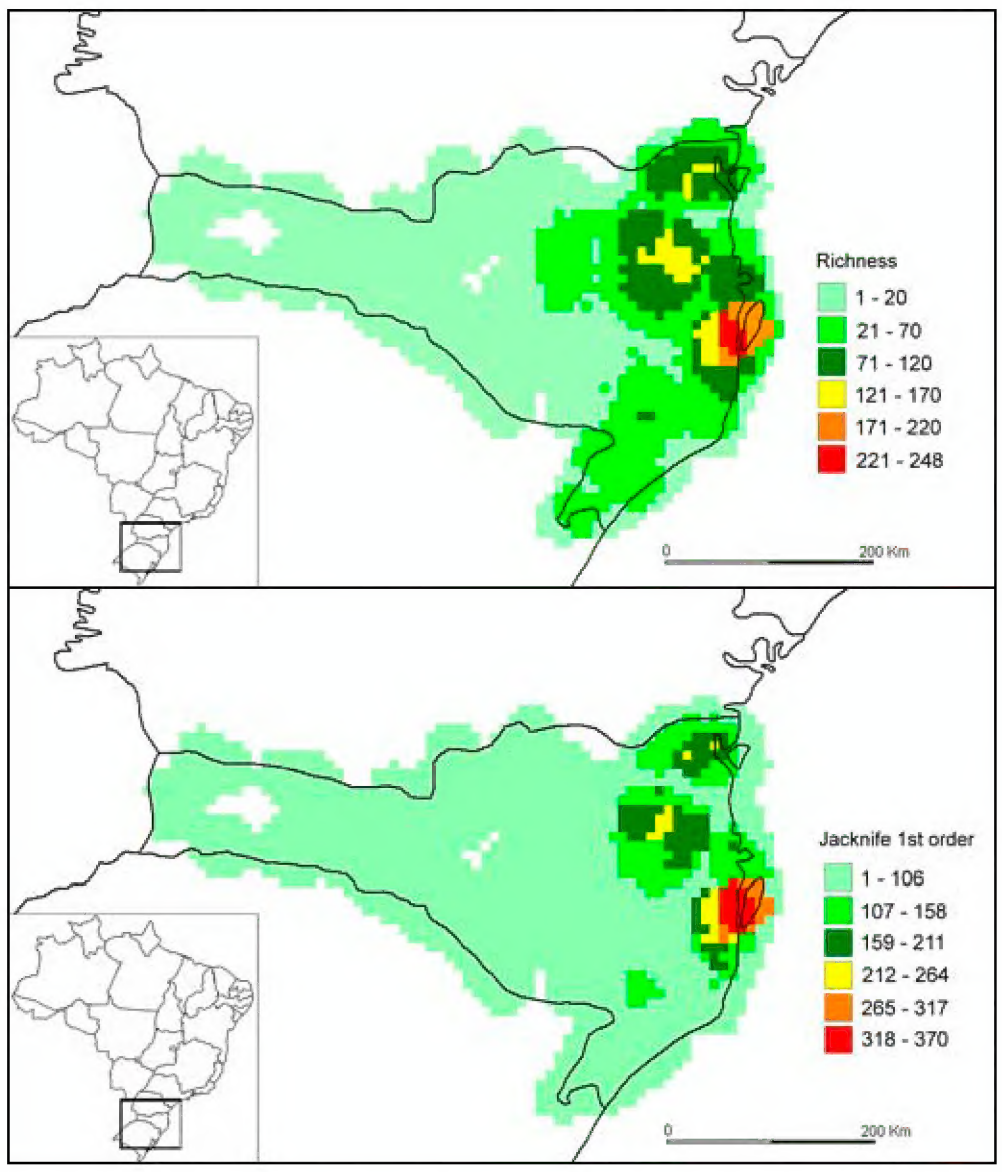

FIGURE 4. Species richness of Orchidaceae founded (upper) and estimated (lower) in the state of Santa Catarina.

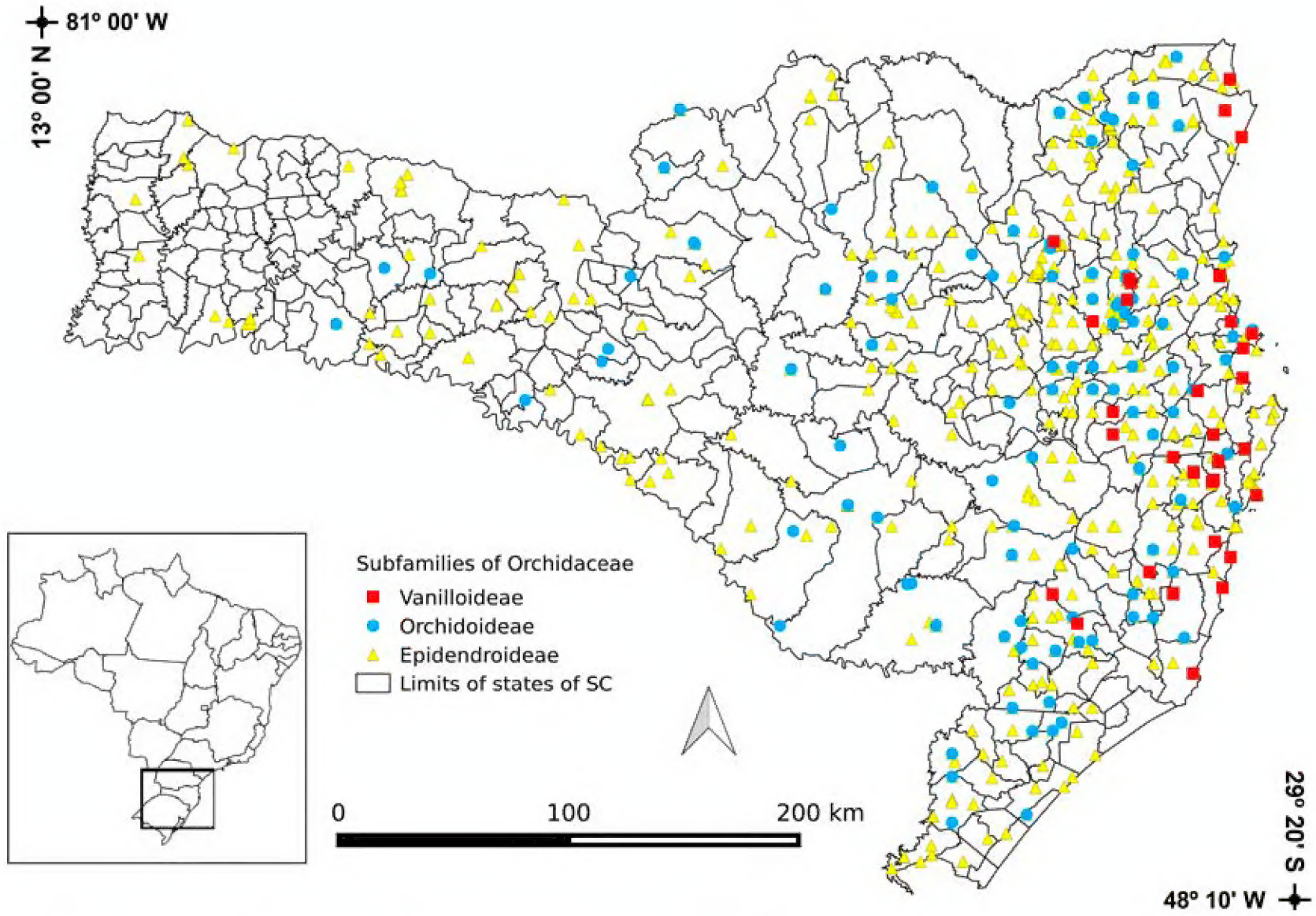

FIGURE 5. Spatial distribution of subfamilies of Orchidaceae in the state of Santa Catarina.

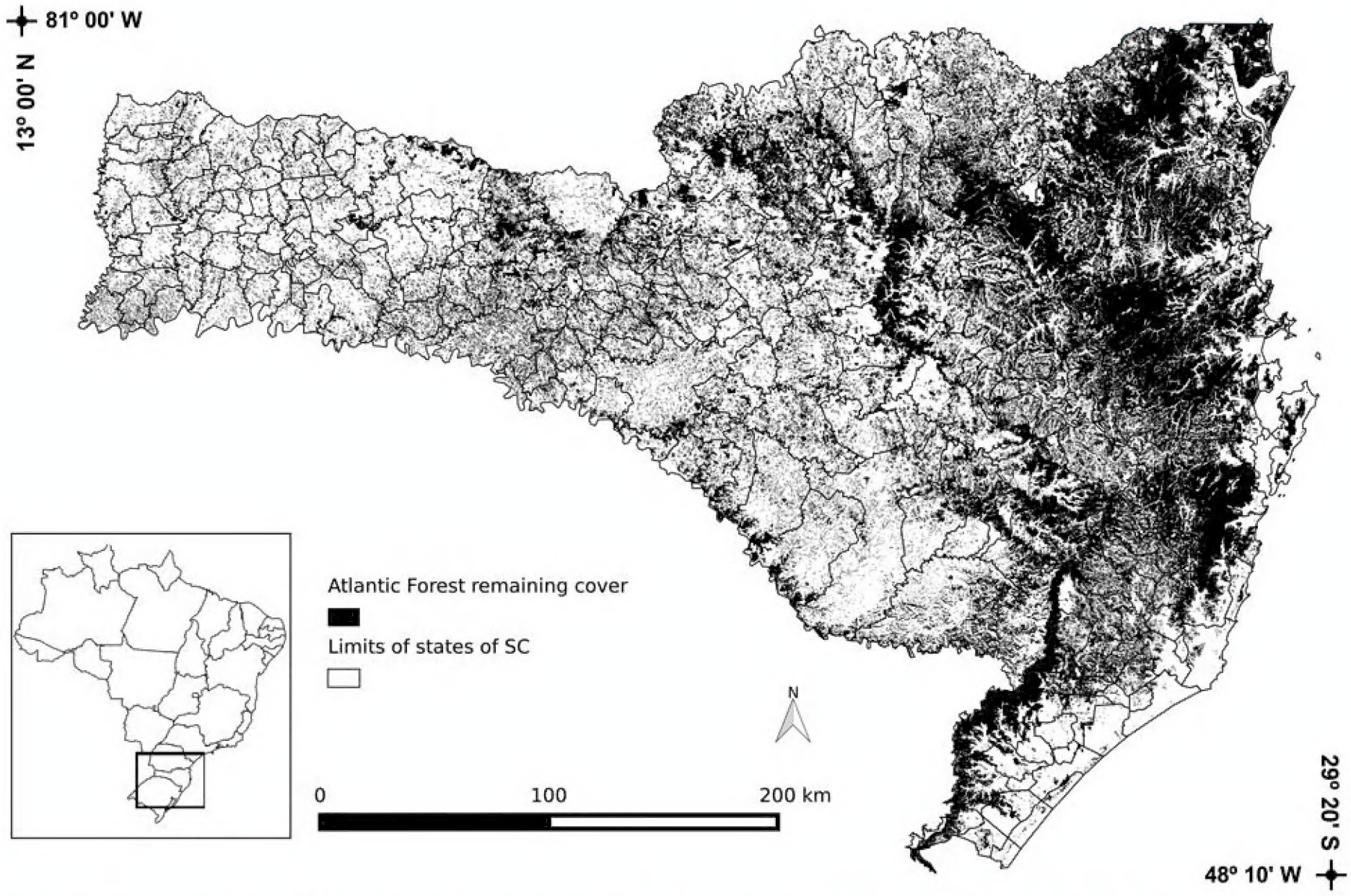

FIGURE 6. Remaining forest in "Serra do Mar" biogeographical sub-region (BSR) of the Santa Catarina Atlantic Forest region. Data source: IFFSC (2013).

that quantified and analyzed the spatial distribution of the remnants of this plant formation, pointed BSR "Serra do Mar" as the most conserved, with 36.5% of its original vegetation. In this subregion are the three largest fragments, in the most advanced stage of succession. The coastline of SC is home to the third largest of them (Figure 6; Ribeiro *et al.* 2009). Well preserved natural spaces known today as the "Parque Nacional da Serra do Itajaí" and the "Santa Catarina Island", which is considered as the paradise of orchidologists by Hoehne (1949), lie in this region. Exactly in this region of the state are the largest number of records (Figure 3) and the highest species richness of Orchidaceae (Figure 4). The congruence between remnants preserved (Figure 6) and species richness is an indication that the sampling effort (number of records, Figure 3) is valid; however, insufficient since the estimated richness (Figure 4, lower) is greater than the richness observed (Figure 4, upper). Orchidaceae family is the biggest and more charismatic between angiosperms, nevertheless the field inventory of Orchidaceae in state of SC is incomplete and as pointed out by Prance *et al.* (2000) more detailed studies of local selected areas are needed to complete it. New species and biogeographic data managed by taxonomists can improve our knowledge allowing a rational use of ecosystems.

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Table 1. Checklist of Orchidaceae with register to Santa Catarina (SC). Indications before name are: E = epiphytic, L = vine, M = micoheterotrophic, R = rupicolous, S = saxicolous, T = terricolous. CR = critically endangered, EN = endangered e VU = vulnerable. + = first citation to SC. * = not cited by Barros *et al*. (2013) to SC. # = endemic of SC. Brazilian Atlantic Forest formations: CMP = high-altitude grasslands, FED = Seasonal deciduous forest, FOD = Tropical ombrophilous forests, FOM = Araucaria forests, RST = Restinga. Accepted names are in bold and italic type; synonyms only italic.

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
			Subfamily **Vanilloideae**				
			Cleistes Rich. ex Lindl.				
T			***C. libonii*** (Cogn.) Hoehne	R. Reitz 18107 (FLOR)	Reis *et al*. (2011)	FOD, RST	Forest border. Degraded areas. Dry soil.
T		*	***C. paranaensis*** (Barb. Rodr.) Schltr.	A.C. Cervi 7030 (FLOR)	Reis *et al*. (2011)	FOD	Interior or border of forest. Entre Rochas. Dry or moist soils.
T			***C. ramboi*** Pabst	L.B. Smith *et al*. 9429 (US)	Reis *et al*. (2011)	FOD	Forest border. degraded areas. Moist or sodden soils.
			Vanilla Sw.				
L			***V. chamissonis*** Klotzsch	A. Bresolin 66 (FLOR)	Klein *et al*. (1978)	FOD, RST	Interior or border of forest. Dry or moist soils.
L			***V. edwalli*** Hoehne	R.M. Klein 8703 (FLOR)	Reis *et al*. (2011)	FOD, RST	Interior or border of forest. Dry or moist soils.
T	VU		***V. dietschiana*** Edwall	A. Bresolin 819 (FLOR)	Klein *et al*. (1978)	FOD	Forest interior. Dry or moist soils.
			Subfamily **Orchidoideae**				
			Orchidoideae, Chloraeeae				
			Chloraea Lindl.				
T	EN		***C. membranacea*** Lindl.	Pabst and Dungs (1975)	Reis *et al*. (2011)	FOD	Forest border.
			Geoblasta Barb. Rodr.				
T	EN		***G. pennicillata*** (Rchb.f.) Hoehne ex M.N. Correa	Pabst and Dungs (1975)	Reis *et al*. (2011)	FOD	Grasslands.
			Orchidoideae, Cranichideae, Cranichidinae				
			Cranichis Sw.				
T			***C. candida*** (Barb. Rodr.) Cogn.	R. Reitz 10948 (FLOR)	Abreu and Menini Neto (2010)		Forest interior. Riparian forest. Moist soil.
			Prescottia Lindl.				
T			***P. oligantha*** (Sw.) Lindl.	A. Bresolin 618 (FLOR)	Klein *et al*. (1978)	FOD, CMP, RST	Open or degraded areas. Riparian forest. Moist or sodden soils.
E/T			***P. lancifolia*** Lindl.	R.M. Klein 9722 (FLOR)	Klein (1979)	FOD, CMP	Forest interior. Moist soil.
S/T			***P. montana*** Barb. Rodr.	O.S. Ribas 3507 (RB)	Abreu and Menini Neto (2010)	CMP	Grasslands. Among rocks. Moist soil.
R/T			***P. plantaginifolia*** Lindl. ex Hook.	M.L. Souza 1020 (FLOR)	Barros *et al*. (2013)	FED, FOD, CMP, RST	Grasslands. Among rocks. Moist soil.
T			***P. stachyodes*** (Sw.) Lindl.	A. Bresolin 837 (FLOR)	Klein (1979)	FOD	Forest interior. Moist soil.
			Baskervilla Lindl.				
T			***B. paranaensis*** (Kraenzl.) Schltr.	J.Z. Matos 38627 (FLOR)	Reis *et al*. (2011)	FOD	Forest interior. Riparian forest. Moist soil.
			Orchidoideae, Cranichideae, Goodyerinae				
			Aspidogyne Garay				
T			***A. argentea*** (Vell.) Garay	R.M. Klein and L.B. Smith 7987 (US)	Reis *et al*. (2011)	FOD	Forest interior. Moist soil.
			Erythrodes picta (Lindl.) Ames		Pabst and Dungs (1975)		
			Physurus pictus Lindl.		Rohr (1951)		
T			***A. bidentifera*** (Schltr.) Garay	R. Reitz and R.M. Klein 8674 (US)	Reis *et al*. (2011)	FOD, FOM	Forest interior.
			Erythrodes bidentifera (Schltr.) Garay		Pabst and Dungs (1975)		
T			***A. bruxelii*** (Pabst) Garay	L.B. Smith and R.M. Klein 13938 (NY)	Reis *et al*. (2011)	FOM	Forest interior.
			Erythrodes bruxelii Pabst		Pabst and Dungs (1975)		
T			***A. decora*** (Rchb.f.) Garay & G.Romero	R. Reitz 8647 (FLOR)	Schinini *et al*. (2008)	FOD, FOM	Forest interior.
			A. bicolor (Barb. Rodr.) Garay		Schinini *et al*. (2008)		
			Erythrodes bicolor (Barb. Rodr.) Ames		Pabst and Dungs (1975)		
T			***A. fimbrilaris*** (B.S.Williams) Garay	R.M. Klein 7032 (FLOR)	Schinini *et al*. (2008)	FOD	Forest interior. Moist soil.
			Erythrodes nobilis (Rchb.f.) Pabst		Klein (1979)		
			Physurus nobilis Rchb.f.		Klein (1979)		
T			***A. kuczynskii*** (Porsch) Garay	R.M. Klein 7133 (FLOR)	Reis *et al*. (2011)	FOD	Forest interior.
			Erythrodes kuczynskii (Porsch) Garay		Klein *et al*. (1978)		
T			***A. lindleyana*** (Cogn.) Garay	S. Dreveck 1803 (FURB)	Schinini *et al*. (2008)	FOD	Forest interior.
			Erythrodes lindleyana (Cogn.) Ames		Klein (1979)		
T		+	***A. commelinoides*** (Barb. Rodr.) Garay	M. Verdi 3497 (FURB)		FOD	Forest interior. Moist soil.

Table 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
			Ligeophila Garay				
T		+	***L. rosea*** (Lindl.) Garay	R.M. Klein 8253 (FLOR)		FOD	Forest interior.
			Erythrodes rosea (Lindl.) Ames		Klein *et al.* (1978)		
T		+	***L. juruenensis*** (Hoehne) Garay	R.M. Klein 489 (FLOR)		FOD	Forest interior.
			Microchilus C. Presl				
T			***M. arietinus*** (Rchb.f. & Warm.) Ormerod	R. Reitz 9188 (FLOR)	Meneguzzo (2010)	FOD, RST	Forest interior.
			Physurus arietinus Rchb.f. & Warm.		Klein (1979)		
			Erythrodes arietina (Rchb.f. & Warm.) Ames		Pabst and Dungs (1975)		
T			***M. austrobrasiliensis*** (Porsch) Ormerod	A. Korte 1670 (FURB)	Schinini *et al.* (2008)	FOD	Forest interior.
			Erythrodes austrobrasiliensis Porsch		Klein (1979)		
T		+	***M. lamprophyllus*** (Linden & Rchb.f.) Ormerod	J.Z. Matos (FLOR44228)		FOD	Forest interior.
			Platythelys Garay				
T			***P. paranaensis*** (Kraenzl.) Garay	Pabst and Dungs (1975)	Schinini *et al.* (2008)	FOD	Grasslands. Moist soil.
			Erythrodes paranaensis (Kraenzl.) Pabst		Pabst and Dungs (1975)		
T			***P. schlechteriana*** (Hoehne) Garay	R.M. Klein 6850 (FLOR)	Schinini *et al.* (2008)	FOD	Grasslands. Dry soil.
			Erythrodes schlechteriana (Hoehne) Pabst		Klein (1979)		
			Orchidoideae, Cranichideae, Spiranthinae				
			Brachystele Schltr.				
T		#	***B. bicrinita*** Szlach.	E.H.G. Ule 1806 (HBG)	Reis *et al.* (2011)	FOD	
T			***B. bracteosa*** (Lindl.) Schltr.	E.H.G. Ule 1900 (HBR)	Schinini *et al.* (2008)	FOD	
T	VU	*	***B. camporum*** (Lindl.) Schltr.	D.B. Falkenberg 6202 (FLOR)	Schinini *et al.* (2008)	FOD	Open areas or grasslands. Dry soil.
T		*	***B. cyclochila*** (Kraenzl.) Schltr.	Schinini *et al.* (2008)	Reis *et al.* (2011)	FOD	Open areas or grasslands. Dry soil.
T			***B. dilatata*** (Lindl.) Schltr.	E.H.G. Ule 1908 (HBG)	Reis *et al.* (2011)	FOD	
			B. ulaei (Cogn.) Schltr.		Pabst (1951)		
T			***B. scabrilingua*** Szlach.	L.B. Smith 8616 (AMES)	Reis *et al.* (2011)	FOD	
			Diskyphogyne scabrilingua (Szlach.) Szlach. & R. González		Schinini *et al.* (2008)		
T			***B. subfiliformes*** (Cogn.) Schltr.	R. Reitz 8112 (FLOR)	Reis *et al.* (2011)	FOD	
T			***B. widgrenii*** (Rchb.f.) Schltr.	R. Reitz 14121 (MBM)	Barros *et al.* (2013)	FOD, CMP	
			Cyclopogon C. Presl.				
T			***C. apricus*** (Lindl.) Schltr.	R. Reitz 13702 (FLOR)	Reis *et al.* (2011)	FOD, CMP	Moist or sodden soils. Turfy soil.
			C. diversifolius (Cogn.) Schltr.		Pabst (1951)		
T			***C. bicolor*** (Ker-Gaw.) Schltr.	Pabst (1951)	Reis *et al.* (2011)	FOD	
R/T			***C. congestus*** (Vell.) Hoehne	A. Bresolin 7465 (FLOR)	Reis *et al.* (2011)	FOD	Moist soil.
			C. langei Schltr.		Pabst (1954)		
5S/T		+	***C. dusenii*** Schltr.	F. Plaumann 586 (RB)		FOD	Moist soil.
T			***C. elatus*** (Sw.) Schltr.	L.B. Smith and R. Reitz 12517 (US)	Reis *et al.* (2011)	FOD, RST	Dry soil.
T			***C. iguapensis*** Schltr.	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD, FOM	
T			***C. itatiaiensis*** (Kraenzl.) Hoehne	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD, FOM	
S/T			***C. longibracteatus*** (Barb. Rodr.) Schltr.	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	Moist soil.
T			***C. multiflorus*** Schltr.	R.M. Klein 8434 (FLOR)	Reis *et al.* (2011)	FOD, RST	Dry and moist soils.
T			***C. subalpestris*** Schltr.	A. Bresolin 826 (FLOR)	Klein *et al.* (1978)	FOD	Dry and moist soils.
T			***C. trifasciatus*** Schltr.	I.D. Cunha 2 (FLOR)	Reis *et al.* (2011)	FOD, FOM	
T		+	***C. truncatus*** (Lindl.) Schltr.	M. Verdi 2437 (FURB)		FOD	
T			***C. variegatus*** Barb. Rodr.	Pabst (1951)	Pabst and Dungs (1975)	FOD	Moist soil.
T			***C. warmingii*** (Rchb.f.) Schltr.	R. Reitz and R.M. Klein 13788 (US)	Schinini *et al.* (2008)	FOD	
			Eurystyles Wawra				
E		*	***E. actinosophila*** (Barb. Rodr.) Schltr.	R.M. Klein 8178 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E		*	***E. cogniauxii*** (Kraenzl.) Pabst	R.M. Klein 7885 (FLOR)	Klein *et al.* (1978)	FOD	Forest interior.
E			***E. cotyledon*** Wawra	R.M. Klein 10169b (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***E. lorenzii*** (Cogn.) Schltr.	R.M. Klein 7526 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
			Pseudoesrystyles lorenzii (Cogn.) Hoehne		Pabst (1951)		
			Hapalorchis Schltr.				
T		+	***H. candidus*** (Kraenzl.) Schltr.	J.L. Schmitt 504 (FURB)		FOD	Forest interior.

Table 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
T			***H. lineatus*** (Lindl.) Schltr.	R.M. Klein 7509 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
T			***H. micranthus*** (Barb. Rodr.) Hoehne	L.B. Smith 12430 (NY)	Reis *et al.* (2011)	FOD, RST	Forest border. Degraded areas.
T			***H. pauciflorus*** Porto & Brade	A. Bresolin 825 (FLOR)	Reis *et al.* (2011)	FOD	Forest border.
			Lankesterella Ames				
E			***L. caespitosa*** (Lindl.) Hoehne	L.C. Oliveira s.n. (CRI8952)	Reis *et al.* (2011)	FOD	Forest interior.
			Lankesterella epiphyta (Barb. Rodr.) Mansf.		Klein *et al.* (1978),		
E			***L. ceracifolia*** (Barb. Rodr.) Mansf.	A. Bresolin 705 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
			Lyroglossa Schltr.				
T		*	***L. grisebachii*** (Cogn.) Schltr.	L.B. Smith and R.Reitz 8712 (US)	Reis *et al.* (2011)	FOD	Open areas or grasslands. Moist or sodden soils.
			Mesadenella Schltr.				
T			***M. atroviridis*** (Barb. Rodr.) Garay	Reis *et al.* (2011)		FOD	
			Cyclopogon atroviridis Barb. Rodr.		Pabst and Dungs (1975)		
			Garaya atroviridis (Barb. Rodr.) Szlach.		Schinini *et al.* (2008)		
T			***M. cuspidata*** (Lindl.) Garay	R.M. Klein 8244 (FLOR)	Reis *et al.* (2011)	FED, FOD, FOM, RST	Interior or border of forest.
			M. esmeraldae (Linden & Rchb.f.) Pabst & Garay		Klein (1979)		
			Stenorrhynchos esmeraldae (Linden & Rchb.f.) Cogn.		Pabst (1951)		
			Pelexia Poit.				
T			***P. bonariensis*** (Lindl.) Schltr.	G. Hatschbach 79220 (MBM)	Reis *et al.* (2011)	FOD	Grasslands. Dry soil.
			Pachygenium bonariensis (Lindl.) Szlach. *et al.*		Schinini *et al.* (2008)		
T		+	***P. laminata*** Schltr.	A. Bresolin 243 (FLOR)		FOD	Grasslands. Dry soil.
T			***P. loefgrenii*** (Porsch) Schltr.	A. Bresolin 252 (FLOR)	Reis *et al.* (2011)	FOD, RST	Grasslands. Dry soil.
T			***P. macropoda*** (Barb. Rodr.) Schltr.	W.S Mancinelli 1086 (UPCB)	Reis *et al.* (2011)	FOD	Forest interior. Moist soil.
T			***P. novofriburgensis*** (Rchb.f.) Garay	D.B. Falkenberg 6353 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior. Moist soil.
			P. hypnophila (Barb. Rodr.) Schltr.		Klein (1979)		
			P. polyantha Schltr.		Schinini *et al.* (2008)		
T			***P. pterygantha*** (Rchb.f. & Warm.) Schltr.	A. Bresolin 231 (FLOR)	Klein *et al.* (1978)	FOD	Forest interior. Riparian forest. Moist soil.
T			***P. tenuior*** Schltr.	Schinini *et al.* (2008)	Reis *et al.* (2011)	FOD	
			Pachygenium tenuior (Schltr.) Szlach., R. González & Rutkowski		Schinini *et al.* (2008)		
			Pteroglossa Schltr.				
T		#	***P. lurida*** (M.N.Correa) Garay	C.E. Siqueira 320 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest border. Dry soil.
			Sacoila Raf.				
T			***S. lanceolata*** (Aubl.) Garay	A. Reis 23 (FLOR)	Reis *et al.* (2011)	FOD, FOM, RST	Interior or border of forest. Open areas or grasslands.
			Stenorrynchus australis Lindl.		Pabst (1951)		
			S. lanceolatum (Aubl.) Rich. ex Spreng.		Klein *et al.* (1978)		
			S. orchioides (Sw.) Rich		Pabst (1951)		
T		*	***S. duseniana*** Kraenzl. & Garay	J.A. Rohr 1022 (HB)	Reis *et al.* (2011)	FOD	Grasslands.
			Stenorrhynchos bradei Schltr.		Pabst (1951)		
			Sarcoglottis C.Presl				
T			***S. acaulis*** (Sm.) Schltr.	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	Forest interior.
T	CR	#	***S. catharinensis*** Mancinelli & E.C. Smidt	Mancinelli 1348 (UPCB)	Mancinelli and Smidt (2013)	FOD	Forest interior. Turfy soil.
T			***S. grandiflora*** (Hook.) Klotzsch	Schinini *et al.* (2008)	Reis *et al.* (2011)	FOD	Forest interior. Moist soil.
T			***S. uliginosa*** Barb. Rodr.	L.B. Smith and R. M. Klein 11078 (NY)	Reis *et al.* (2011)	FOD	Forest interior.
			Sauroglossum Lindl.				
T		*	***S. nitidum*** (Vell.) Schltr.	R. Reitz 7547 (FLOR)	Abreu and Menini Neto (2010)	FOD, RST	Forest interior.
			Skeptrostachys Garay				
T			***S. arechavaletanii*** (Barb. Rodr.) Garay	A. Bresolin 87 (FLOR)	Reis *et al.* (2011)	FOD	Grasslands.
			Stenorrhynchos arechavaletanii Barb. Rodr.		Pabst and Dungs (1975)		

TABLE 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
T			***S. balanophorostachya*** (Rchb.f. & Warm.) Garay	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	Grasslands. Moist soil.
			Stenorrhynchos balanophorostachyum (Rchb.f. & Warm.) Cogn.		Pabst and Dungs (1975)		
T			***S. paraguayensis*** (Rchb.f.) Garay	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	Grasslands.
			Stenorrhynchos paraguayense (Rchb.f.) Cogn.		Pabst and Dungs (1975)		
T		+	***S. rupestris*** (Lindl.) Garay	O.S. Ribas 7581 (UPCB)		FOD	Grasslands.
			Stigmatosema Garay				
T		#	***S. odileana*** Szlach.	E. Ule 1327 (HBG)	Reis *et al.* (2011)	FOD	
T		*	***S. polyaden*** (Vell.) Garay	Abreu and Menini Neto (2010)		FOD	Forest interior.
			Cyclopogon polyaden (Vell.) F.S. Rocha & J.L. Waechter		Schinini *et al.* (2008)		
			Veyretia Szlach.				
T			***V. hassleri*** (Cogn.) Szlach.	L.B. Smith and R. Reitz 8981 (US)	Reis *et al.* (2011)	FOD	Grasslands. Moist soil.
			Sarcoglottis hassleri (Cogn.) Schltr.		Pabst and Dungs (1975)		
T		#	***V. undulata*** Szlach.	R. Reitz and R.M. Klein 14125 (MBM)	Reis *et al.* (2011)	FOD	Grasslands. Moist soil.
			Orchidoideae, Orchideae, Orchidinae				
			Habenaria Willd.				
T	VU	*	***H. achalensis*** Kraenzl.	L.B. Smith and R. Reitz 8649 (US)	Batista *et al.* (2011a)	FOD, CMP	Grasslands. Moist or sodden soils.
			H. paivaeana Rchb.f.		Schinini *et al.* (2008)		
R			***H. araneiflora*** Barb. Rodr.	Batista and Bianchetti (2002)	Batista *et al.* (2011a)	FOD	Grasslands. Dry or moist soils.
T			***H. aranifera*** Lindl.	Batista *et al.* (2011a)		FOD, FOM	
T		+	***H. armata*** Rchb.f.	G. Hatschbach 79960 (UPCB)		FOD	Grasslands. Dry soil.
			H. elegantula Hoehne		Pabst (1951)		
T			***H. balansae*** Cogn.	R. Reitz 5268 (HBR)	Batista *et al.* (2011a)	FOD	Grasslands. Moist soil.
			H. brachyphyton Schltr.	Batista *et al.* (2011a)		FOD	
T		*	***H. bractescens*** Lindl.	Batista and Bianchetti (2002)	Batista *et al.* (2011a)	FOD	Grasslands. Moist or sodden soils.
T			***H. edwallii*** Cogn.	R. Reitz 8166 (FLOR)	Pabst and Dungs (1975)	FOD	Grasslands. Riparian forest. Moist or sodden soils.
T			***H. ekmaniana*** Kraenzl.	L.B. Smith and R. Reitz 10488 (US)	Batista *et al.* (2011a)	FOD	
T			***H. exaltata*** Barb. Rodr.	L.B. Smith and L.M. Klein 10908 (US)	Pabst and Dungs (1975)	FOD	Grasslands. sodden soils.
T			***H. gourlieana*** Gill. ex Lindl.	R. Reitz 12408 (FLOR)	Batista and Bianchetti (2002)	FOD, FOM	Grasslands. Riparian forest. Moist or sodden soils.
T			***H. guilleminii*** Rchb.f.	L.B. Smith and R. Reitz 10000 (US)	Batista *et al.* (2011a)	FOD	Grasslands. Moist soil.
T			***H. gustavi-edwallii*** Hoehne	R. Reitz 2934 (HBR)	Batista *et al.* (2011a)	FOD	Grasslands. Moist soil.
T		*	***H. henscheniana*** Barb. Rodr.	Batista and Bianchetti (2002)	Batista *et al.* (2011a)	FOD, CMP	Grasslands. sodden soils.
T			***H. inconspicua*** Cogn.	R. Reitz 5321-A (HBR)	Pabst (1954)	FOD	Grasslands. Moist or sodden soils.
T			***H. johannensis*** Barb. Rodr.	R. Reitz C-1359 (HBR)	Batista *et al.* (2011a)	FOD	Grasslands. Roadside. Sodden soils
			H. vaupelli Rchb.f. & Warm.		Pabst and Dungs (1975)		
T			***H. josephensis*** Schltr.	J. Caetano 9 (FURB)	Batista *et al.* (2011a)	FOD	Forest interior. Riparian forest.
T		*	***H. leptoceras*** Hook.	Rohr 2216 (HB)	Reis *et al.* (2011)	FOD	Forest interior.
T		*	***H. leucosantha*** Barb. Rodr.	Batista and Bianchetti (2002)	Reis *et al.* (2011)	FOD	Grasslands. Moist soil.
T			***H. macronectar*** (Vell.) Hoehne	L.B. Smith 10989 (RB)	Batista *et al.* (2011b)	FOD	Grasslands. Moist or sodden soils.
T			***H. melanopoda*** Hoehne & Schltr.	J.M. Silva *et al.* 2805 (BHCB)	Batista *et al.* (2011b)	FOD, CMP	Grasslands. Moist or sodden soils.
T			***H. modestissima*** Rchb.f.	Pabst and Dungs (1975)		FOD	Grasslands. Moist soil.
T			***H. montevidensis*** Spreng.	R. Reitz 10435 (FLOR)	Batista *et al.* (2011b)	FOD	
			H. obovatipetala Schltr.		Schinini *et al.* (2008)		
T			***H. nemorosa*** Baptista	Pabst and Dungs (1975)	Schinini *et al.* (2008)	FOD	Forest interior.
T		*	***H. paranaensis*** Barb. Rodr.	J. M. Verdi 4209 (FURB)	Batista *et al.* (2011b)	FOD	Interior or border of forest.
T			***H. parviflora*** Lindl.	J.Z. Matos s.n. (FLOR38659)	Batista *et al.* (2011b)	FOD	Grasslands. Interior or border of forest. Moist soil.
T			***H. paulensis*** Porsch	Batista *et al.* (2011b)		FOD	
T			***H. platanthera*** Rchb.f.	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	

Table 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
T			***H. pleiophylla*** Hoehne & Schltr.	A. Bresolin 112 (FLOR)	Batista *et al.* (2011b)	FOD, RST	Forest border.
T			***H. pratensis*** (Salzm. ex. Lindl.) Rchb.f.	O. S. Ribas 2272 (HBR)	Reis *et al.* (2011)	FOD, RST	Grasslands. Moist or sodden soils.
T			***H. regnellii*** Cogn.	R.M. Klein 10098 (FLOR)	Batista *et al.* (2011b)	FOD	Grasslands. Forest border. Moist or sodden soils.
			H. poissoniana Cogn.		Schinini *et al.* (2008)		
T			***H. repens*** Nutt.	A. Bresolin 282 (FLOR)	Batista *et al.* (2011b)	FOD, CMP	Grasslands. sodden soils.
T			***H. rodeiensis*** Barb. Rodr.	Pabst (1954)	Batista and Bianchetti (2002)	FOD	Grasslands. Moist soil.
T			***H. rolfeana*** Schltr.	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	Grasslands. Moist soil.
T			***H. rupicola*** Barb. Rodr.	R. Reitz 3263 (HBR)	Reis *et al.* (2011)	FOD, CMP	Grasslands.
T			***H. secunda*** Lindl.	L.B. Smith and R. Reitz 10409 (US)	Reis *et al.* (2011)	FOD	Grasslands. Moist or sodden soils.
			H. taubertiana Cogn.	E.H.G. Ule 1903 (BR)	Batista *et al.* (2011b)	FOD	Grasslands.
T		+	***H. subfiliformis*** Cogn.	L.B. Smith *et al.* 9476 (US)		FOD	Grasslands. Moist or sodden soils.
			H. rudolfischlechteri Hoehne		Reis *et al.* (2011)		
T			***H. subviridis*** Hoehne & Schltr.	O.S. Ribas 2272 (NY)	Batista *et al.* (2011b)	FOD	Grasslands. Dry soil.
T		#	***H. ulei*** Cogn.	E.H.G. Ule 1902 (BR)	Batista *et al.* (2011b)	FOD	
T			***H. umbraticola*** Barb. Rodr.	R. Reitz 8149 (FLOR)	Batista *et al.* (2011b)	FOD, FOM	Forest interior.
			Subfamily **Epidendroideae**				
			Basal Epidendroideae, **Calypsoeae**				
			Wullschlaegelia Rchb.f.				
M			***W. aphylla*** (Sw.) Rchb.f.	R.M. Klein 7120 (HBR)	Reis *et al.* (2011)	FOD	Forest interior.
			Govenia Lindl.				
T			***G. utriculata*** (Sw.) Lindl.	A. Bresolin 582 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Basal Epidendroideae, **Gastrodieae**				
			Uleiorchis Hoehne				
M			***U. ulaei*** (Cogn.) Handro	Ule 1000 (HBG)	Reis *et al.* (2011)	FOD	
			U. cogniauxiana Hoehne		Reis *et al.* (2011)		
			Derived Epidendroideae, **Epidendreae, Laeliinae**				
			Brassavola R. Br.				
E			***B. rhomboglossa*** Pabst	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	
E/R			***B. tuberculata*** Hook.	R.M. Klein 7138 (FLOR)	Reis *et al.* (2011)	FOD, RST	Interior or border of forest.
			B. perrinii Lindl.		Reis *et al.* (2011)		
			B. revoluta Barb. Rodr.		Pabst (1953)		
			Cattleya Lindl.				
E			***C. cernua*** (Lindl.) Van den Berg	R.M. Klein 5286 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Sophronitis cernua Lindl.		Pabst (1959)		
E/T			***C. forbesii*** Lindl.	R. Reitz 3690-A (HBR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
E	VU		***C. guttata*** Lindl.	A. Schwacke 6966 (RB)	Reis *et al.* (2011)	FOD	Forest interior.
E/R	VU		***C. intermedia*** Grah.	R.M. Klein 7575 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
E		+	***C. mantiqueirae*** (Fowlie) Van den Berg	R. Reitz 14579 (FLOR)		FOD	Forest interior.
			Hadrolaelia mantiqueirae (Lindl.) Chiron & V.P. Castro		Barros *et al.* (2013)		
			Sophronitis grandiflora (Lindl.) Rchb.f.		Klein (1979)		
E	CR		***C. porphyroglossa*** Linden & Rchb.f.	R. Reitz 3706 (HBR)	Reis *et al.* (2011)	FOD	Forest interior.
E/R		+	***C. purpurata*** (Lindl. ex Paxton) Van den Berg	R.M. Klein 7957 (FLOR)		FOD	Forest interior.
			Hadrolaelia purpurata (Lindl. & Paxton) Chiron & V.P. Castro		Barros *et al.* (2013)		
			Laelia purpurata Lindl.		Klein (1979)		
			Sophronitis purpurata (Lindl.) C. Berg & M.W. Chase		Schinini *et al.* (2008)		
E/R	VU		***C. tigrina*** A. Rich.	C.E. Siqueira 322 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Cattleya leopoldii Verschzaff. ex Lem.		Klein *et al.* (1978)		
			C. guttata var. *leopoldii* (Verschaff. ex Lem.) Linden & Rchb.f.		Pabst (1953)		
			Constantia Barb. Rodr.				
E		#	***C. australis*** (Cogn.) Porto & Brade	J.A. Rohr 2291 (HB)	Reis *et al.* (2011)	FOD	
E	VU		***C. rupestris*** Barb. Rodr.	J.A. Rohr 2130 (HB)	Reis *et al.* (2011)	FOD	
			Encyclia Hook.				
E			***E. oncidioides*** (Lindl.) Schltr.	J.Z. Matos 38 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***E. patens*** Hook.	R.M. Klein 7450 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			E. odoratissima (Lindl.) Schltr.		Klein *et al.* (1978)		
			E. serroniana (Barb. Rodr.) Hoehne		Pabst (1953)		

Table 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
			Epidendrum L.				
E			***E. anceps*** Jacq.	Reis *et al.* (2011)		FOD	Forest interior.
T			***E. ansiferum*** Rchb.f.	R.M. Klein 10550 (FLOR)	Klein (1979)	FOD	Forest interior. Grasslands.
E			***E. armeniacum*** Lindl.	R. Reitz 3924 (HBR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
E			***E. avicula*** Lindl.	J.A. Rohr 2024 (HB)	Reis *et al.* (2011)	FOD	Forest interior.
			Lanium avicula (Lindl.) Benth.		Klein (1979)		
E			***E. berkeleyi*** (Rolfe) Baptista	R. Reitz 8487 (HBR)	Reis *et al.* (2011)	FOD	Forest interior.
			Lanium berkeleyi Rolfe		Klein (1979)		
T		+	***E. cinnabarinum*** Salzm.	Pabst (1953)		FOD	Grasslands.
E/R		*	***E. coronatum*** Ruiz & Pav.	A. Bresolin 1290 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***E. cristatum*** Ruiz & Pav.	A. Bresolin 129 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
T			***E. purpureum*** Barb. Rodr.	A. Stival-Santos 1759 (FURB)	Reis *et al.* (2011)	FOD, FOM	Roadside.
			E. denticulatum Barb. Rodr.		Pabst (1953)		
E	VU		***E. ecostatum*** Pabst	R.M. Klein 10165 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			E. corymbosum Lindl., nom. illeg.		Pabst and Dungs (1975)		
E/R/T			***E. fulgens*** Brongn.	D.B. Falkenberg 5941 (FLOR)	Reis *et al.* (2011)	FOD, RST	Grasslands. Roadside. Forest border.
			E. moseni Rchb.f.		Klein (1979)		
E			***E. geniculatum*** Barb. Rodr.	J.A. Rohr 2108 (HB)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
E	EN		***E. henschenii*** Barb. Rodr.	M. Verdi 801 (FURB)	Reis *et al.* (2011)	FOD	
E			***E. latilabre*** Lindl.	A. Bresolin 746 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E		*	***E. nocturnum*** Jacq.	J.L. Schmitt 740 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
E			***E. obergii*** Hawkes	R.M. Klein 9417 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***E. ochrochlorum*** Barb. Rodr.	A. Bresolin 550 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***E. paranaense*** Barb. Rodr.	J.Z. Matos 63 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			E. patens Sw.	Pabst (1953)	Reis *et al.* (2011)	FOD	Forest interior.
E			***E. polyanthum*** Lindl.	A. Bresolin 716 (FLOR)	Reis *et al.* (2011)	FOD	
E			***E. proligerum*** Barb. Rodr.	J.A. Rohr 2132 (HB)	Reis *et al.* (2011)	FOD	
			E. corymbosum Lindl.		Pabst (1953)		
E			***E. pseudodifforme*** Hoehne & Schltr.	A.L. Gasper 2193 (FURB)	Reis *et al.* (2011)	FOD, RST	Interior or border of forest.
E			***E. ramosum*** Jacq.	R.M. Klein 7153 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***E. rigidum*** Jacq.	R.M. Klein 8661 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***E. rodriguesii*** Cogn.	A. Bresolin 229 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			E. strobiliferum Rchb.f.		Schinini *et al.* (2008)		
R/T			***E. secundum*** Jacq.	R. Reitz 6975 (FLOR)	Pabst and Dungs (1975)	FOD, FOM	Grasslands. Interior or border of forest.
			E. crassifolium Lindl.		Klein *et al.* (1978)		
			E. ellipticum Graham		Klein (1979)		
			E. elongatum Jacq.		Klein (1979)		
E			***E. tridactylum*** Lindl.	R.M. Klein 9613 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Amblostoma cernuum Scheidw.		Rohr (1951)		
			A. tridactylum (Lindl.) Rchb.f.		Schinini *et al.* (2008)		
E			***E. vesicatum*** Lindl.	R.M. Klein 8162 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Isabelia Barb. Rodr.				
E			***I. pulchella*** (Kraenzl.) Senghas & Teuscher	R.M. Klein 9573 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
			Neolauchea pulchella Kraenzl.		Klein (1979)		
E			***I. violacea*** (Lindl.) van den Berg & M.W. Chase	A. Bresolin 1286 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Sophronitella violacea (Lindl.) Schltr.		Pabst and Dungs (1975)		
			Jacquiniella Schltr.				
E			***J. globosa*** (Jacq.) Schltr.	Pabst (1956)	Reis *et al.* (2011)	FOD	Forest interior.
			Leptotes Lindl.				
E			***L. bicolor*** Lindl.	A. Bresolin 894 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***L. tenuis*** Rchb.f.	Pabst (1954)	Reis *et al.* (2011)	FOD	Forest interior.
E		*	***L. unicolor*** Barb. Rodr.	A. Bresolin 757 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
			Nemaconia Knowles & Westc.				
E			***N. striata*** (Lindl.) van den Berg *et al.*	T.B. Breier 1371 (UEC)	Reis *et al.* (2011)	FOD	Forest interior.

Table 1. *Continued.*

		NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
		Prosthechea Knowles & Westc.				
E		***P. bulbosa*** (Vell.) W.E. Higgins	A. Korte 2222 (FURB)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
		Encyclia bulbosa (Vell.) Pabst		Reis *et al.* (2011)		
		Epidendrum bulbosum Vell.		Reis *et al.* (2011)		
		Prosthechea inversa (Lindl.) W.E. Higgins		Reis *et al.* (2011)		
E		***P. fausta*** (Rchb.f. ex Cogn.) W.E. Higgins	R. Reitz 9753 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
		Epidendrum faustum Rchb.f. ex Cogn.		Klein *et al.* (1978)		
E		***P. fragans*** (Sw.) W.E. Higgins	J.A. Rohr 58 (HB)	Reis *et al.* (2011)	FOD	Forest interior.
		Encyclia fragrans (Sw.) Lemée		Klein *et al.* (1978)		
		Epidendrum fragrans Sw.		Pabst (1953)		
E		***P. glumacea*** (Lindl.) W.E. Higgins	R.M. Klein 9355 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Encyclia glumacea (Lindl.) Pabst		Klein (1979)		
		Epidendrum almasii Hoehne		Klein (1979)		
		E. glumaceum Lindl.		Pabst (1957)		
		Prosthechea inversa (Lindl.) W.E. Higgins		Schinini *et al.* (2008)		
E		***P. papilio*** (Vell.) W.E. Higgins	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	
		Epidendrum papilio Vell.		Pabst (1953)		
		E. widgrenii Lindl.		Pabst (1953)		
E		***P. punctifera*** (Rchb.f.) W.E. Higgins	Barros *et al.* (2013)	Reis *et al.* (2011)	FOD	Forest interior.
E		***P. pygmaea*** (Hook.) W.E. Higgins	J.Z. Matos s.n. (FLOR38471)	Reis *et al.* (2011)		
		Hormidium tripterum (Brongn.) Cogn.		Klein (1979)		
E	*	***P. tigrina*** (Linden ex Lindl.) W.E. Higgins	Schinini *et al.* (2008)	Reis *et al.* (2011)	FOD	Forest interior.
E	*	***P. vespa*** (Vell.) W.E. Higgins	R.M. Klein 6380 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
		Encyclia vespa (Vell.) Dressler		Reis *et al.* (2011)		
		Epidendrum vespa (Vell.) Hoehn		Reis *et al.* (2011)		
		E. variegatum Hook.		Reis *et al.* (2011)		
		Scaphyglottis Poepp. & Endl.				
E		***S. brasiliensis*** (Schltr.) Dressler	A. Krapovickas 42137 (MBM)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
E		***S. emarginata*** (Garay) Dressler	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	Forest interior.
		Reichenbachanthus emarginatus Garay		Pabst and Dungs (1975)		
E		***S. modesta*** (Rchb.f.) Schltr.	R.M. Klein 7683 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Tetragamestus modestus Rchb.f.		Pabst (1953)		
E	+	***S. reflexa*** Lindl.	J.L. Schmitt 1281 (FURB)		FOD	Forest interior.
		Reichenbachanthus reflexus (Lindl.) Brade		Pabst (1951)		
		Derived Epidendroideae, **Epidendreae, Pleurothallidinae**				
		Acianthera Scheidw.				
E		***A. albo-rosea*** (Kraenzl.) Luer	J.A. Rohr 2109 (RB)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis albo-rosea (Kraenzl.) Brade		Schinini *et al.* (2008)		
E/S		***A. aphthosa*** (Lindley) Pridgeon & M.W. Chase	C.E. Siqueira 218 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		A. hoffmannseggiana (Rchb.f.) F. Barros		Chiron and Bolsanello (2013)		
		Pleurothallis hoffmannseggiana (Rchb.f.)		Klein *et al.* (1978)		
		P. macrophyta Barb. Rodr.		Pabst (1954)		
E	#	***A. asaroides*** (Kraenzl.) Pridgeon & M.W. Chase	Kraenzlin 1907	Reis *et al.* (2011)	FOD	Forest interior.
E		***A. auriculata*** (Lindl.) Pridgeon & M.W. Chase	T.J. Cadorin 1539 (FURB)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Arthrosia auriculata (Lindl.) Luer		Schinini *et al.* (2008)		
		Pleurothallis auriculata Lindl.		Klein (1979)		
E		***A. bidentula*** (Barb. Rodr.) Pridgeon & M.W. Chase	R. Reitz 3866 (HBR)	Schinini *et al.* (2008)	FOD	Interior or border of forest.
		Pleurothallis bidentula Barb. Rodr.		Klein (1979)		

Table 1. *Continued.*

		NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E		***A. binotii*** (Regel) Pridgeon & M.W. Chase	R. Reitz 3046 (HBR)	Schinini *et al.* (2008)	FOD	Forest interior.
		A. bicarinata (Lindl.) Pridgeon & M.W. Chase		Schinini *et al.* (2008)		
		Pleurothallis binotii Regel		Klein (1979)		
E		***A. bragae*** (Ruschi) F. Barros	T.J. Cadorin 2478 (FURB)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Physosiphon pubescens Barb. Rodr.		Klein *et al.* (1978)		
		Sarracenella pubescens (Barb. Rodr.) Luer		Schinini *et al.* (2008)		
E	*	***A. brachyloba*** (Hoehne) Pridgeon & M.W. Chase	L.B. Smith and R. Reitz 12456 (NYBG)	Reis *et al.* (2011)	FOD	Forest interior.
E	*	***A. compressiflora*** (Barb. Rodr.) Chiron & Van den Berg	F.C Hoehne s.n. (SP23162)	Chiron and Bolsanello (2013)	FOD	Forest Interior.
		Pleurothallis compressiflora Barb. Rodr.		Pabst (1952)		
E	*	***A. crinita*** (Barb. Rodr.) Pridgeon & M.W. Chase	Schinini *et al.* (2008)		FOD	
		A. renipetala (Barb. Rodr.) Luer		Schinini *et al.* (2008)		
E	*	***A. capillaris*** (Lindl.) Pridgeon & M.W. Chase	Schinini *et al.* (2008)		FOD	Forest interior.
		Arthrosia floribunda (Lindl.) Luer		Schinini *et al.* (2008)		
E	+	***A. cryptantha*** (Barb. Rodr.) Pridgeon & M.W. Chase	J. Caetano s.n. (FURB36262)		FOD, FOM	Forest interior.
		Cryptophoranthus juergensii Schltr.		Klein (1979)		
E		***A. exarticulata*** (Barb. Rodr.) Pridgeon & M.W. Chase	C.E. Siqueira 117 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
		Pleurothallis exarticulata Barb. Rodr.		Klein (1979)		
E	+	***A. fenestrata*** (Barb. Rodr.) Pridgeon & M.W. Chase	R. Reitz and R.M. Klein 8743 (US)		FOD	Forest interior.
		Cryptophoranthus fenestratus (Barb. Rodr.) Barb. Rodr.		Schinini *et al.* (2008)		
		C. spicatus Dutra		Klein (1979)		
E		***A. glanduligera*** (Lindl.) Luer	C.E. Siqueira 139 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
E		***A. glumacea*** (Lindl.) Pridgeon & M.W. Chase	A. Bresolin 50 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis glumacea Lindl.		Klein *et al.* (1978)		
E		***A. hygrophila*** (Barb. Rodr.) Pridgeon & M.W. Chase	R.M. Klein 5496 (NYBG)	Reis *et al.* (2011)	FOD	Forest interior.
		Arthrosia hygrophila (Barb. Rodr.) Luer		Schinini *et al.* (2008)		
		Pleurothallis hygrophila Barb. Rodr.		Pabst and Dungs (1975)		
E		***A. hystrix*** (Kraenzl.) F. Barros	Pabst (1952)	Reis *et al.* (2011)	FOD	Forest interior.
		Apoda-prorepentia hystrix (Kraenzl.) Luer		Schinini *et al.* (2008)		
		Pleurothallis raduliglossa Pabst		Rohr (1951)		
E		***A. klotzscheana*** (Rchb.f.) Pridgeon & M.W. Chase	J.A. Rohr 2110 (HB)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis klotzcheana Rchb.f.		Pabst and Dungs (1975)		
E		***A. luteola*** (Lindl.) Pridgeon & M.W. Chase	C.E. Siqueira 56 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis caespitosa Barb. Rodr.		Rohr (1951)	FOD	Forest interior.
		P. luteola Lindl.		Menini Neto *et al.* (2007)		
E		***A. macropoda*** (Barb. Rodr.) Pridgeon and M.W. Chase	C.E. Siqueira 70 (FLOR)	Reis *et al.* (2011)	FOD, RST	Interior or border of forest.
		Pleurothallis macropoda Barb. Rodr.		Klein (1979)		
E		***A. macuconensis*** (Barb. Rodr.) F. Barros	G. Hatschbach 2629 (MBM)	Reis *et al.* (2011)	FOD	Forest interior.
E		***A. murexoidea*** (Pabst) Pridgeon & M.W. Chase	R. Reitz 5492 (HBR)	Reis *et al.* (2011)		
		Pleurothallis murexoidea Pabst		Klein (1979)		
E		***A. muscosa*** (Barb. Rodr.) Pridgeon and M.W. Chase	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	Forest interior.
		P. muscosa Barb. Rodr.		Pabst and Dungs (1975)		
E	+	***A. nemorosa*** (Barb. Rodr.) F. Barros	C.E. Siqueira 228 (FLOR)		FOD	Forest interior.
E		***A. oligantha*** (Barb. Rodr.) F. Barros	A. Korte 145 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis oligantha Barb. Rodr.		Klein (1979)		

Table 1. *Continued.*

		NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E	+	***A. ophiantha*** (Cogn.) Pridgeon & M.W. Chase	J. Caetano s.n. (FURB36260)		FOD	Forest interior.
E		***A. panduripetala*** (Barb. Rodr.) Pridgeon & M.W. Chase	C.E. Siqueira 143 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis panduripetala Barb. Rodr.		Pabst and Dungs (1975)		
E		***A. pardipes*** (Rchb.f.) Pridgeon & M.W. Chase	L.M. Ceolin s.n. (FURB867)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis pardipes Rchb.f.		Pabst and Dungs (1975)		
E		***A. pectinata*** (Lindl.) Pridgeon & M.W. Chase	R. Reitz 3568 (HBR)	Reis *et al.* (2011)	FOD	Interior or border of forest.
		Pleurothallis pectinata Lindl.		Schinini *et al.* (2008)		
E		***A. pubescens*** (Lindl.) Pridgeon & M.W. Chase	C.E. Siqueira 302 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis riograndensis Barb. Rodr.		Klein (1979)		
		P. smithiana Lindl.		Klein (1979)		
E		***A. recurva*** (Lindl.) Pridgeon & M.W. Chase	A. Korte 1171 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis recurva Lindl		Menini Neto *et al.* (2007)		
E/R		***A. saundersiana*** (Rchb.f.) Pridgeon & M.W. Chase	C.E. Siqueira 65 (FLOR)	Reis *et al.* (2011)	FOD, RST	Interior or border of forest. Degraded areas.
		Pleurothallis butantanensis Hoehne & Schltr.		Klein (1979)		
		P. josephensis Barb. Rodr.		Pabst (1954)		
		P. saundersiana Rchb.f.		Klein (1979)		
E		***A. saurocephala*** (Lodd.) Pridgeon & M.W. Chase	F.F. Neves 83 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis saurocephala Lodd.		Pabst and Dungs (1975)		
E	+	***A. serpentula*** (Barb. Rodr.) F. Barros	C.E. Siqueira 77 (FLOR)		FOD, RST	Forest interior.
E		***A. sonderiana*** (Rchb.f.) Pridgeon & M.W. Chase	R.M. Klein 2932 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis sonderiana Rchb.f.		Klein (1979)		
E		***A. spilantha*** (Barb. Rodr.) Luer	H. Schenk 309 (HBR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis spilantha Barb. Rodr		Pabst and Dungs (1975)		
E		***A. strupifolia*** (Lindl.) Pridgeon & M.W. Chase	R.M. Klein 8131 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis strupifolia Lindl		Klein *et al.* (1978)		
E		***A. translucida*** (Barb. Rodr.) Luer	C.E. Siqueira 113 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis translucida Barb. Rodr.		Pabst and Dungs (1975)		
E	*	***A. tricarinata*** (Poepp. & Endl.) Pridgeon & M.W. Chase	F.C. Hoehne s.n. (SP4040)	Reis *et al.* (2011)	FOD	Forest interior.
E	*	***A. wageneriana*** (Klotzsch) Pridgeon & M.W. Chase	Schinini *et al.* (2008)		FOD	Forest interior.
		Anathallis Barb. Rodr.				
E		***A. adenochila*** (Loefgr.) F. Barros	R.M. Klein 10573 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Panmorphia adenochila (Loefgr.) Luer		Schinini *et al.* (2008)		
		P. adenochila Loefgr.		Klein (1979)		
E		***A. bleyensis*** (Pabst) F. Barros	Pabst and Dungs (1975)	Schinini *et al.* (2008)	FOD	Forest interior.
		Pleurothallis bleyensis Pabst		Pabst and Dungs (1975)		
E		***A. bocainensis*** (Porto & Brade) F. Barros & Barberena	Reis *et al.* (2011)		FOD	Forest interior.
E	*	***A. corticicola*** (Schltr. ex Hoene) Pridgeon & M.W. Chase	A. Korte 984 (FURB)	Reis *et al.* (2011)	FOD, RST	Forest interior.
E		***A. dryadum*** (Schltr.) F. Barros	R.M. Klein 3108 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pabstiella dryadum (Schltr.) Luer		Schinini *et al.* (2008)		
		Pleurothallis dryadum Schltr.		Klein (1979)		
E		***A. fernandiana*** (Hoehne) F. Barros	Pabst and Dungs (1975)		FOD	Forest interior.
		Pleurothallis fernandiana Hoehne		Pabst and Dungs (1975)		
E	VU	***A. gehrtii*** (Hoehne & Schltr.) F. Barros	Reis *et al.* (2011)		FOD	Forest interior.
E		***A. globifera*** (Pabst) F. Barros & Barberena	J.A. Rohr 2126 (HB)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis adenochila Loefgr.		Schinini *et al.* (2008)		
		P. globifera Pabst		Pabst (1954)		

Table 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E		*	***A. kleinii*** (Pabst) Luer	C.E. Siqueira 303 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
			Pleurothallis kleinii Pabst		Pabst (1972)		
E			***A. linearifolia*** (Cogn.) Pridgeon & M.W. Chase	A. Bresolin 849 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Pleurothallis depauperata Cogn.		Klein (1979)		
			P. glossochila Kraenzl.		Klein (1979)		
			P. linearifolia Cogn.		Pabst and Dungs (1975)		
E			***A. liparanges*** (Rchb.f.) Luer	L.M. Ceolin 392 (UPCB)	Reis *et al.* (2011)	FOD	Forest interior.
E		+	***A. malmeana*** (Dutra ex Pabst) Pridgeon & M.W. Chase	T.J. Cadorin 568 (FURB)		FOD	Forest interior.
E			***A. marginata*** (Barb. Rodr.) F. Barros & Barberena	J.A. Rohr 2138 (HB)	Barros *et al.* (2013)	FOD	Forest interior.
			Panmorphia limbata (Cogn.) Luer		Reis *et al.* (2011)		
			Pleurothallis limbata Cogn.		Pabst and Dungs (1975)		
E			***A. microphyta*** (Barb. Rodr.) C.O. Azevedo & van den Berg	C.E. Siqueira 18 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
			A. microgemma (Schltr. ex Hoehne) Pridgeon & M. W. Chase		Barros *et al.* (2013)		
			A. paranaensis (Schltr.) Pridgeon & M. W. Chase		Barros *et al.* (2013)		
			Panmorphia paranaensis (Schltr.) Luer		Schinini *et al.* (2008)		
			Pleurothallis microgemma Schltr.		Pabst and Dungs (1975)		
			P. microphyta (Barb. Rodr.) Cogn.		Schinini *et al.* (2008)		
			P. paranaensis Schltr.		Pabst and Dungs (1975)		
E			***A. muscoidea*** (Lindl.) F. Barros & Barberena	Pabst (1952)	Reis *et al.* (2011)	FOD	Forest interior.
			Pleurothallis muscoidea Lindl.		Schinini *et al.* (2008)		
E			***A. obovata*** (Lindl.) Pridgeon & M.W. Chase	C.E. Siqueira 135 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Pleurothallis modestiflora Schltr.		Klein (1979)		
			P. obovata (Lindl.) Lindl.		Pabst and Dungs (1975)		
E	EN		***A. pabstii*** (Garay) Pridgeon & M.W. Chase	R. Reitz and R.M. Klein 6413 (HBR)	Reis *et al.* (2011)	FOD	Forest interior.
			Pleurothallis pabstii Garay		Pabst and Dungs (1975)		
E			***A. rubens*** (Lindl.) Pridgeon & M.W. Chase	J.A. Rohr 2043 (HB)	Reis *et al.* (2011)	FOD	Forest interior.
			Pleurothallis rubens Lindl		Menini Neto *et al.* (2007)		
E		*	***A. seidelii*** Luer, Toscano & Baptista	C. Luer 21172 (HUEFS)	Luer and Toscano de Brito (2011)	FOD	Forest interior.
E			***A. sclerophylla*** (Lindley) Pridgeon & M.W. Chase	C.E. Siqueira 33 (FLOR)	Reis *et al.* (2011)	FOD, RST	Interior or border of forest.
			Pleurothallis sclerophylla Lindl.		Klein *et al.* (1978)		
E			***A. stictophylla*** (Schltr.) Pridgeon & M.W. Chase	R.M. Klein 7073 (FLOR)		FOD	Forest interior.
			Pabstiella stictophylla (Schltr.) Luer		Reis *et al.* (2011)		
			Pleurothallis stictophylla Schltr.		Klein *et al.* (1978)		
			Specklinia stictophylla (Schltr.) Luer		Schinini *et al.* (2008)		
			Barbosella Schltr.				
E/R			***B. australis*** (Cogn.) Schltr.	Pabst and Dungs (1975)	Barros *et al.* (2013)	FOD, FOM	Forest interior.
E/R			***B. cogniauxiana*** (Speg. & Kraenzl.) Schltr.	R. Reitz 6655 (HB)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
			B. handroi Hoehne		Klein (1979)		
			B. porschii (Kraenzl.) Schltr.		Klein *et al.* (1978)		
E			***B. crassifolia*** (Edwall) Schltr.	J.A. Rohr 2030 (HB)	Reis *et al.* (2011)	FOD	Forest interior.
E		+	***B. dusenii*** (Samp.) Schltr.	T.J. Cadorin 2043 (FURB)		FOD	Forest interior.
E			***B. gardneri*** (Lindl.) Schltr.	R. Reitz 6655 (NY)	Reis *et al.* (2011)	FOD	Forest interior.
			B. microphylla (Barb. Rodr.) Schltr.		Pabst and Dungs (1975)		
E			***B. miersii*** (Lindl.) Schltr.	A. Korte 1966 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
			Brachionidium Lindl.				
E	VU	+	***B. restrepioides*** (Hoehne) Pabst	W.S. Mancinelli 848 (FURB)		FOM	Forest interior.

Table 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
			Dryadella Luer				
E			***D. edwalli*** (Cogn.) Luer	R. Reitz 10217 (HBR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
			Masdevallia edwalii Cogn.		Klein *et al.* (1978)		
E	VU		***D. liliputiana*** (Cogn.) Luer	J.Z. Matos s.n. (FLOR44243)	Reis *et al.* (2011)	FOD	Forest interior.
E			***D. zebrina*** (Porsch) Luer	C.E. Siqueira 210 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
			Masdevallia zebrina Porsch		Klein *et al.* (1978)		
			Lepanthopsis Ames				
E	VU		***L. floripecten*** (Rchb.f.) Ames	C.E. Siqueira 20 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Myoxanthus Poepp. & Endl.				
E			***M. exasperatus*** (Lindl.) Luer	M. Lenzi 91 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Pleurothallis peduncularis Lindl.		Klein (1979)		
			Octomeria R. Br.				
E	EN	+	***O. alexandri*** Schltr.	M. Lenzi 48 (FLOR)		FOD	Forest interior. Riparian forest.
E			***O. anceps*** Porto & Brade	R. Reitz 5687 (HBR)	Reis *et al.* (2011)	FOD	
			O. reitzii Pabst		Klein (1979)		
E	VU		***O. chamaeleptotes*** Rchb.f.	R.M. Klein 7920 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***O. chloidophylla*** (Rchb.f.) Garay	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	
			O. dusenii Schltr.		Klein (1979)		
E		*	***O. concolor*** Barb. Rodr.	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD, RST	Forest interior.
E			***O. crassifolia*** Lindl.	C.E. Siqueira 74 (FLOR)	Reis *et al.* (2011)	FOD, FOM, RST	Forest interior.
			O. alpina Barb. Rodr.		Schinini *et al.* (2008)		
			O. densiflora Barb. Rodr.		Schinini *et al.* (2008)		
			O. gehrtii Hoehne & Schltr.		Schinini *et al.* (2008)		
			O. gracilicaulis Schltr.		Schinini *et al.* (2008)		
			O. serrana Hoehne		Schinini *et al.* (2008)		
E			***O. diaphana*** Lindl.	R.M. Klein 8771 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			O. albopurpurea Barb. Rodr.		Klein *et al.* (1978)		
			O. fialhoensis Dutra		Schinini *et al.* (2008)		
E			***O. flabellifera*** Pabst	R.M. Klein 8257 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E		*	***O. fibrifera*** Schltr.	R.M. Klein 8704 (FLOR)	Klein *et al.* (1978)	FOD	Forest interior.
E			***O. gracilis*** Lodd. ex Lindl.	R. Reitz 9862 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
E			***O. grandiflora*** Lindl.	R.M. Klein 6759 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			O. robusta Rchb.f. & Warm.		Schinini *et al.* (2008)		
E	VU		***O. hatschbachii*** Schltr.	Pabst (1952)	Reis *et al.* (2011)	FOD	Forest interior.
E			***O. irrorata*** Schltr.	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	
E			***O. juncifolia*** Barb. Rodr.	R.M. Klein 8236 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E		+	***O. linearifolia*** Barb. Rodr.	T.J. Cadorin 1323 (FURB)		FOD	Forest interior.
E			***O. micrantha*** Barb. Rodr.	R. Reitz and R.M. Klein 9408 (HB)	Reis *et al.* (2011)	FOD	
E			***O. ochroleuca*** Barb. Rodr.	B. Hess 403 (RB)	Reis *et al.* (2011)	FOD	Forest interior.
E			***O. octomeriantha*** (Hoehne) Pabst	A. Korte 652 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
E			***O. palmyrabellae*** Barb. Rodr.	J.L. Schmitt 58 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
E			***O. praetans*** Barb. Rodr.	Pabst (1952)	Reis *et al.* (2011)	FOD	
E			***O. pusilla*** Lindl.	R.M. Klein 707 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
			O. umbonulata Schltr.		Schinini *et al.* (2008)		
E			***O. riograndensis*** Schltr	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
E			***O. rohrii*** Pabst	R.M. Klein 8700 (FLOR)	Schinini *et al.* (2008)	FOD	Forest interior.
E			***O. rotundiglossa*** Hoehne	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD, RST	Forest interior.
E		+	***O. sancti-angeli*** Kraenzl.	J.M. Kalk s.n. (FURB5790)		FOD	Forest interior.
E	VU		***O. truncicola*** Barb. Rodr.	Reis *et al.* (2011)		FOD	Forest interior.
E			***O. warmingii*** Rchb.f.	M.Verdi 3187 (FURB)	Reis *et al.* (2011)	FOD	
			O. iguapensis Schltr.		Schinini *et al.* (2008)		
			O. oxychela Barb. Rodr.		Klein (1979)		
			Pabstiella Brieger & Senghas				
E			***P. alligatorifera*** (Rchb.f.) Luer	A. Bresolin 258 (FLOR)	Schinini *et al.* (2008)	FOD	Forest interior.
			Acianthera alligatorifera (Rchb.f.) Pridgeon & M. W. Chase		Reis *et al.* (2011)		
			Pleurothallis alligatorifera Rchb.f.		Klein (1979)		
			P. blumenavii Cogn.		Klein (1979)		
E		*	***P. arcuata*** (Lindl.) Lue	R. Reitz 1070 (RB)	Chiron and Bolsanello (2010)	FOD	Forest interior.

Table 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E			***P. aveniformes*** (Hoehne) C.N. Gonç. & Waechter	W.S. Mancinelli 1274 (UPCB)	Reis *et al.* (2011)	FOD	
E			***P. bradei*** (Schltr.) Luer	J.A. Rohr 2174 (HB)	Barros *et al.* (2013)	FOD	Forest interior.
			Pleurothallis bradei Schltr.		Klein (1979)		
E	VU		***P. carinifera*** (Barb. Rodr.) Luer	J. Caetano s.n. (FURB37332)	Reis *et al.* (2011)	FOD	Forest interior.
E		*	***P. calcarata*** (Cogn.) Luer	R.M. Klein 9923 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			P. mentigera (Kraenzl.) L.Kollmann		Barros *et al.* (2013)		
			Pleurothallis mentigera Kraenzl.		Klein (1979)		
E			***P. colorata*** (Pabst) F. Barros & C.F. Hall	T.J. Cadorin 738 (FURB)	Barros *et al.* (2013)	FOD	Forest interior.
			P. uniflora (Lindl.) Luer		Schinini *et al.* (2008)		
			Pleurothallis colorata Pabst		Pabst and Dungs (1975)		
			Specklinia colorata (Pabst) F. Barros & L. Guimarães		Reis *et al.* (2011)		
E			***P. fusca*** (Lindl.) Chiron & Xim.Bols.	C.E. Siqueira 140 (FLOR)		FOD	Forest interior.
			Effusiella hypnicola (Lindl.) Campacci		Campacci (2011)		
			Pabstiella hypnicola (Lindl.) Luer		Barros *et al.* (2013)		
			Pleurothallis hypnicola Lindl.		Menini Neto *et al.* (2007)		
			Stelis hypnicola (Lindl.) Pridgeon & M.W. Chase		Reis *et al.* (2011)		
E			***P. leucopyramis*** (Rchb.f.) Luer	H. Schenk 1337 (MBM)		FOD	Forest interior.
			Pleurothallis pterophora Cogn.		Pabst and Dungs (1975)		
			Specklinia leucopyramis (Rchb.f.) Luer		Schinini *et al.* (2008)		
			Trichosalpinx pterophora (Cogn.) Luer		Barros *et al.* (2013)		
E			***P. matinhensis*** (Hoehne) Luer	L.B. Smith and R.M. Klein 13043 (US)	Barros *et al.* (2013)	FOD	Forest interior.
			Pleurothallis matinhensis Hoehne		Pabst and Dungs (1975)		
			Specklinia matinhensis (Hoehne) Luer		Reis *et al.* (2011)		
E			***P. mirabilis*** (Schltr.) Brieger & Senghas	R.M. Klein 3013 (FLOR)	Schinini *et al.* (2008)	FOD	Forest interior.
			Pleurothallis mirabilis Schltr.		Klein (1979)		
E			***P. mouraeoides*** (Hoehne) Luer	R.M. Klein 9590 (FLOR)	Schinini *et al.* (2008)	FOD	Forest interior.
			Pleurothallis mouraeoides Hoehne		Pabst and Dungs (1975)		
			Specklinia mouraeoides (Hoehne) F. Barros		Reis *et al.* (2011)		
E			***P. parvifolia*** (Lindl.) Luer	R.M. Klein 9394 (FLOR)	Schinini *et al.* (2008)	FOD	Forest interior.
			Specklinia parvifolia (Lindl.) Pridgeon & M. W. Chase		Reis *et al.* (2011)		
			P. pleurothalloides (Cogn.) Luer	A.L. Gasper 1462 (FURB)	Barros *et al.* (2013)	FOD	Forest interior.
			P. podoglossa (Hoehne) Luer	T.J. Cadorin 1195 (FURB)	Barros *et al.* (2013)	FOD	Forest interior.
			Specklinia podoglossa (Hoehne) Luer		Reis *et al.* (2011)		
E		*	***P. punctatifolia*** (Barb. Rodr.) Chiron	C.E. Siqueira 247 (FLOR)	Schinini *et al.* (2008)	FOD	Forest interior.
			Pleurothallis punctata Lindl.		Pabst (1957)		
E			***P. quadridentata*** (Barb. Rodr.) Luer	R. Reitz and R.M. Klein 2827 (US)	Schinini *et al.* (2008)	FOD	Forest interior.
			Pleurothallis mouraei Cogn.		Klein (1979)		
			Specklinia quadridentata (Barb. Rodr.) Luer		Reis *et al.* (2011)		
E			***P. rubrolineata*** (Hoehne) Luer	R. Reitz and R.M. Klein 1146 (HBR)	Barros *et al.* (2013)	FOD	Forest interior.
			Pleurothallis rubrolineata Hoehne		Klein (1979)		
			Specklinia rubrolineata (Hoehne) F. Barros		Reis *et al.* (2011)		
E			***P. seriata*** (Lindl.) F. Barros & C.F.Hall	T.J. Cadorin 1562 (FURB)	Barros *et al.* (2013)	FOD	Forest interior.
			Panmorphia seriata (Lindl.) Luer		Schinini *et al.* (2008)		
			Specklinia seriata (Lindl.) Pridgeon & M. W. Chase		Reis *et al.* (2011)		
E			***P. sordida*** (Kraenzl.) Luer	R.M. Klein 3106 (HB)	Schinini *et al.* (2008)	FOD	Forest interior.
			Trichosalpinx sordida (Kraenzl.) Luer		Reis *et al.* (2011)		
E		*	***P. stictophylla*** (Schltr.) Luer	R.M. Klein 7073 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Pleurothallis stictophylla Schltr.		Klein *et al.* (1978)		

Table 1. *Continued.*

		NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E		***P. trifida*** (Lindl.) Luer	A. Bresolin 867 (FLOR)	Schinini *et al.* (2008)	FOD	Forest interior.
		Pleurothallis trifida Lindl.		Klein *et al.* (1978)		
		Pleurothallis bicristata Cogn.		Pabst (1954)		
E		***P. tripterantha*** (Rchb.f.) F. Barros	Reis *et al.* (2011)		FOD	Forest interior.
		Pleurothallis procumbens Lindl.		Pabst and Dungs (1975)		
E		***P. uniflora*** (Lindl.) Luer	T.J. Cadorin 2102 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis leontoglossa Rchb.f.		Klein (1979)		
E	*	***P. wawraerana*** (Barb. Rodr.) Chiron & Ximenes Bolsanello	R. Reitz 585 (NY)	Chiron and Bolsanello (2010)	FOD	Forest interior.
		Pleurothallis cuneifolia Cogn.		Pabst (1954)		
		Phloeophila Hoehne & Schltr.				
E	*	***P. similis*** Schltr.	Pabst (1952)		FOD	
		Cryptophoranthus similis Schltr.		Pabst (1952)		
E		***P. nummularia*** (Rchb.f.) Garay	J.A. Rohr 21 (HBR)	Reis *et al.* (2011)	FOD	Forest interior.
		P. echinantha Barb. Rodr.		Pabst (1952)		
		Platystele Schltr.				
E		***P. oxyglossa*** (Schltr.) Garay	R.M. Klein 8120 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		P. pygmaea (Hoehne) Pabst		Klein *et al.* (1978)		
		Pleurothallis pygmaea Hoehne		Pabst (1952)		
		Pleurobotryum Barb. Rodr.				
E		***P. atropurpureum*** Barb. Rodr.	L.B. Smith and R. Reitz 12817 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E		***P. crepianium*** (Cogn.) Hoehne	R. Reitz and R.M. Klein 4914 (US)	Reis *et al.* (2011)	FOD	Forest interior.
E	*	***P. hatschbachii*** (Schltr.) Hoehne	J.L. Schmitt 3004 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
E	*	***P. mantiquyranum*** (Barb. Rodr.) Hoehne	Schinini *et al.* (2008)	Reis *et al.* (2011)	FOD	Forest interior.
		Specklinia Lindl.				
E		***S. grobyi*** (Batem. ex Lindl.) F. Barros	R.M. Klein 3105 (FLOR)	Schinini *et al.* (2008)	FOD	Forest interior.
		Pleurothallis grobyi Batem.		Klein (1979)		
E		***S. marginalis*** (Rchb.f.) F. Barros	R.M. Klein 8586 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Pleurothallis biglandulosa Schltr.		Pabst (1954), Klein (1979)		
		Pleurothallis marginalis Rchb.f.		Menini Neto *et al.* (2007)		
		Pleurothallis marmorata (Barb. Rodr.) Cogn.		Rohr (1951)		
		Stelis Sw.				
E		***S. aprica*** Lindl.	S. Venturi 68 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		S. rodriguesii Cogn.		Rohr (1951)		
E	+	***S. argentata*** Lindl.	J.Z. Matos s.n. (FLOR44211)	JZ Matos (unpublished data)	FOD	Forest interior.
E		***S. catharinensis*** Lindl.	B. Carriz s.n. (RB14531)	Pabst (1952)	FOD	Forest interior.
E		***S. deregularis*** Barb. Rodr.	T.J Cadorin 2742 (FURB)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Pseudostelis bradei Schltr.		Klein *et al.* (1978)		
		P. deregularis (Barb. Rodr.) Schltr		Klein (1979)		
		P. spiralis (Lindl.) Schltr.		Schinini *et al.* (2008)		
E		***S. fraterna*** Lindl.	R.M. Klein 7873 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E	*	***S. intermedia*** Poepp. & Endl.	R.M. Klein 8351 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior. Riparian forest.
		S. dusenii Garay		Klein (1979)		
		S. petropolitana Rchb.f.		Pabst (1952)		
E		***S. megantha*** Barb. Rodr.	R.M. Klein 9726 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		S. macrochlamys Hoehne & Schltr.		Klein (1979)		
E		***S. papaquerensis*** Rchb.f.	R.M. Klein 7578 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		S. epilithica Garay		Pabst (1957)		
		S. reflexisepala Garay		Klein *et al.* (1978)		
		S. smaragdina Barb. Rodr.		Klein *et al.* (1978)		
		S. tweediana Lindl.		Klein (1979)		
E		***S. parvifolia*** Garay	M. Lenzi 82 (FLOR)	Schinini *et al.* (2008)	FOD	Riparian forest.
E		***S. pauciflora*** Lindl.	A. Bresolin 848 (FLOR)	Schinini *et al.* (2008)	FOD	Forest interior.
		S. omalosantha Barb. Rodr.		Pabst and Dungs (1975)		
E		***S. perpusilla*** Cogn.	Schinini *et al.* (2008)	Reis *et al.* (2011)	FOD	
E		***S. porschiana*** Schltr.	R.M. Klein 3022 (FLOR)	Reis *et al.* (2011)	FOD	

Table 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E			***S. reitzii*** Garay	R. Reitz 9060 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***S. ruprechtiana*** Rchb.f.	R.M. Klein 7583 (FLOR)	Reis *et al.* (2011)		
			S. hoehnei Schltr.		Klein (1979)		
			Trichosalpinx Luer				
E			***T. montana*** (Barb. Rodr.) Luer	R.M. Klein 6259 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Pleurothallis lepanthipoda Hoehne & Schltr.		Klein (1979)		
			P. quartzicola (Barb. Rodr.) Cogn.		Menini Neto *et al.* (2007)		
E		+	***T. violacea*** (Lem.) Luer	Lemaire (1853)		FOD	
			Pleurothallis catharinensis Cogn.		Schinini *et al.* (2008)		
			Specklinia violacea Lem.		Lemaire (1853)		
			Zootrophion Luer				
E			***Z. atropurpureum*** (Lindl.) Luer	W.S. Macinelli 1138 (UPCB)	Reis *et al.* (2011)	FOD	Forest interior.
			Cryptophoranthus schenkii Cogn.		Pabst and Dungs (1975)		
			Derived Epidendroideae, **Ponerineae**				
			Isochilus R. Br.				
E/R			***I. linearis*** (Jacq.) R. Br.	R.M. Klein 6108 (FLOR)	Klein *et al.* (1978)	FOD, FOM	Forest interior.
			I. brasiliensis Schltr.		Klein (1979)		
			Derived Epidendroideae, **Malaxideae**				
			Malaxis Sol. ex Sw.				
T			***M. excavata*** (Lindl.) Kuntze	A. Bresolin 216 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Interior or border of forest. Degraded areas.
			Microstylis excavata Lindl.		Klein (1979)		
			M. muelleri Schltr.		Pabst (1953)		
			M. sertulifera (Barb. Rodr.) Schltr.		Pabst (1953)		
T			***M. histionantha*** (Link) Garay & Dunst.	Barros *et al.* (2013)	Reis *et al.* (2011)	FOD	
T	VU		***M. jaraguae*** (Hoehne & Schltr.) Pabst	M. Verdi 3706 (FURB)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
			Microstylis jaraguae Hoehne & Schltr.		Pabst (1953)		
			M. pabstii (Schltr.) Pabst	Pabst 842 (HB)	Reis *et al.* (2011)	FOD	
			Microstylis pabstii Schltr.		Pabst (1953)		
T			***M. parthonii*** C.Morren	R. Reitz 4575 (HBR)	Reis *et al.* (2011)	FOD	Forest interior.
			Microstylis parthoni (C. Morren) Klotzsch		Pabst (1957)		
T			***M. pubescens*** (Lindl.) Kuntze	L.B. Smith and R. Reitz 6162 (US)	Reis *et al.* (2011)	FOD	
			Microstylis pubescens Lindl.		Pabst (1954)		
T		+	***M. warmingii*** (Rchb.f.) Kuntze	J.L. Schmitt 1406 (FURB)		FOD, FOM	Forest interior.
			Liparis Rich.				
T			***L. nervosa*** (Llave & Lex.) Cogn.	R.M. Klein 7116 (FLOR)	Reis *et al.* (2011)	FOD, FOM, RST	Interior or border of forest. Degraded areas.
			L. elata Lindl.		Klein (1979)		
T		*	***L. vexillifera*** (La Llave and Lex.) Cogn.	Reis *et al.* (2011)		FOD	Interior or border of forest. Degraded areas.
			Derived Epidendroideae, **Sobralieae**				
			Elleanthus C.Presl				
E/R			***E. brasiliensis*** (Lindl.) Rchb.f.	J.A. Rohr 741 (HB)	Reis *et al.* (2011)	FOD, FOM	Forest interior. Riparian forest.
			Derived Epidendroideae, **Triphoreae, Triphorinae**				
			Psilochilus Barb. Rodr.				
T			***P. modestus*** Barb. Rodr.	M. Lenzi 73 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
T			***P. dusenianus*** Kraenzl. ex Dunsterv. and Garay	R.M. Klein 10023 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
			Derived Epidendroideae, **Tropideae**				
			Corymborkis (Sw.) O. Kuntze.				
			C. flava (Sw.) O. Kuntze.	R.M. Klein 7296 (FLOR)	Reis *et al.* (2011)	FED, FOD	Interior or border of forest.
			Derived Epidendroideae, **Dendrobieae, Bulbophyllinae**				
			Bulbophyllum Thouars				
E		*	***B. gladiatum*** Lindl.	A. Bresolin 259 (FLOR)	Mancinelli and Smidt (2012)	FOD	Forest interior.
			B. laciniatum (Barb. Rodr.) Cogn.		Reis *et al.* (2011)		
E			***B. glutinosum*** (Barb. Rodr.) Cogn.	R.M. Klein 9654 (FLOR)	Mancinelli and Smidt (2012)	FOD, FOM	Forest interior.

Table 1. *Continued.*

		NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E		***B. granulosum*** Barb. Rodr.	J.L. Schmitt 147 (FURB)	Mancinelli and Smidt (2012)	FOD, FOM	Forest interior. Riparian forest.
E	*	***B. mentosum*** Barb. Rodr.	J.A. Rohr 2133 (HB)	Mancinelli and Smidt (2012)	FOD	Forest interior.
E		***B. meridense*** Rchb.f.	A. Bresolin 264 (FLOR)	Mancinelli and Smidt (2012)	FOD	Forest interior.
E		***B. napelli*** Lindl.	R.M. Klein 10486 (FLOR)	Mancinelli and Smidt (2012)	FOD, FOM	Forest interior.
E		***B. regnellii*** Rchb.f.	R.M. Klein 5543 (FLOR)	Mancinelli and Smidt (2012)	FOD, FOM	Forest interior. Riparian forest.
		Derived Epidendroideae, **Cymbidieae, Catasetinae**				
		Grobya Lindl.				
E		***G. amherstiae*** Lindl.	A. Bresolin 546 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
E		***G. fascifera*** Rchb.f.	A. Bresolin 210 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		G. bibrachiata Hoehne		Klein (1979)		
E	#	***G. guieselii*** F. Barros & Lourenço	A. Guiesel s.n. (SP351685)	Reis *et al.* (2011)	FOD	Forest interior.
E		***G. galeata*** Lindl.	W.S. Macinelli 1184 (UPCB)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
		Galeandra Lindl.				
T		***G. beyrichii*** Rchb.f.	A.L. Gasper 1370 (FURB)	Reis *et al.* (2011)	FED, FOM	Forest interior.
T	*	***G. stylomisantha*** (Vell.) Hoehne	Schinini *et al.* (2008)	Reis *et al.* (2011)	FOD	Dry soil. Grasslands.
		Catasetum Rich. ex Kunth				
T		***C. atratum*** Lindl.	D.B. Falkenberg 5552 (FLOR)	Reis *et al.* (2011)	FOD	
E		***C. cernuum*** (Lindl.) Rchb.f.	A. Bresolin 54 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		C. rohrii Pabst		Rohr (1951), Pabst (1953)		
E		***C. triodon*** Rchb.f.	F.C. Hoehne s.n. (SP35116)	Pabst (1953)	FOD	
E		***C. socco*** (Vell.) Hoehne	G. Carr s.n. (SP426578)	Klein (1979)	FOD	
E		***C. fimbriatum*** (C.Morren) Lindl.	Pabst and Dungs (1975)	Reis *et al.* (2011)	FOD	
		Cyrtopodium R. Br.				
T		***C. brandonianum*** Barb. Rodr.	J.A.N. Batista 1444 (CEN)	Romero-González *et al.* (2008)	FOD	
T		***C. flavum*** Link & Otto ex Rchb.f.	R.M. Klein 6301 (FLOR)	Batista *et al.* (2005)	FOD, RST	Border forest. Grasslands.
		C. paranaense Schltr.		Klein (1979)		
E		***C. gigas*** (Vell.) Hoehne	Pabst (1953)	Romero-González *et al.* (2008)	FOD	Forest interior.
T		***C. kleinii*** J.A.N.Batista & Bianchetti	J.A.N. Batista 1443 (SP)	Romero-González *et al.* (2008)	FOD	Forest interior.
T	*	***C. pallidum*** Rchb.f. & Warm.	L.B. Smith 13337 (NY)	Batista *et al.* (2005)	FOD	
T	VU	***C. palmifrons*** Rchb.f. & Warm.	L.B. Smith and R. M. Klein 13152 (MO)	Romero-González *et al.* (2008)	FOD	
T	+	***C. parviflorum*** Lindl.	A. Bresolin 479 (FLOR)		FOD	Grasslands.
		Derived Epidendroideae, **Cymbidieae, Eulophiinae**				
		Cyanaeorchis Barb. Rodr.				
T		***C. arundinae*** (Rchb.f.) Barb. Rodr.	R.M. Klein 3505 (FLOR)	Klein (1979)	FOD	Moist or sodden soils. Grasslands.
		Eulophia R. Br.				
T		***E. alta*** (L.) Fawc. & Rendle	R.M. Klein 8623 (FLOR)	Reis *et al.* (2011)	FOD, RST	Border forest. Grasslands.
		E. longifolia Schltr.		Klein (1979)		
T	+	***E. ruwenzoriensis*** Rendle	R.M. Klein 4488 (HBR)		FOD	Forest border.
		Oeceoclades Lindl.				
T		***O. maculata*** (Lindl.) Lindl.	R.M. Klein 8237 (FLOR)	Reis *et al.* (2011)	FOD, RST	Border forest. Open areas or grasslands.
		Eulophidium maculatum (Lindl.) Pfitzer		Klein *et al.* (1978)		
		Derived Epidendroideae, **Cymbidieae, Oncidiinae**				
		Alatiglossum Baptista				
E		***A. ciliatum*** (Lindl.) Baptista	R.M. Klein 8664 (FLOR)	Reis *et al.* (2011)	FOD	Interior or border of forest.
		Oncidium ciliatum Lindl.		Schinini *et al.* (2008)		
E		***A. longipes*** (Lindl.) Baptista	C.E. Siqueira 197 (FLOR)	Schinini *et al.* (2008)	FOD, RST	Forest interior.
		Oncidium longipes Lindl.		Pabst and Dungs (1977)		
E		***A. micropogon*** (Rchb.f.) Baptista	A. Bresolin 124 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Oncidium micropogon Rchb. f		Schinini *et al.* (2008)		

Table 1. *Continued.*

		NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E		***A. uniflorum*** (Booth.) Baptista	R.M. Klein 6975 (FLOR)	Reis *et al.* (2011)	FOD	Riparian forest.
		Oncidium uniflorum Booth.		Klein (1979)		
E	*	***A. cogniauxianum*** (Schltr.) Baptista	A. Bresolin 452 (FLOR)	Reis *et al.* (2011)	FOD	Forest border.
		Aspasia Lindl.				
E		***A. lunata*** Lindl.	R.M. Klein 10718 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Baptistonia Barb. Rodr.				
E		***B. albinoi*** (Schltr.) Chiron & V.P. Castro	F. Plaumann 425 (RB)	Barros *et al.* (2013)	FOD	
		Oncidium albini Schltr.		Reis *et al.* (2011)		
E		***B. cornigera*** (Lindl.) Chiron & V.P. Castro	R.M. Klein 10708 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Oncidium fimbriatum Lindl.		Schinini *et al.* (2008)		
		O. hecatanthum Kraenzl.		Klein (1979)		
E	+	***B. cruciata*** (Rchb.f.) Chiron & V.P. Castro	A. Bresolin 559 (FLOR)		FOD	Forest interior.
		Oncidium cruciatum Rchb.f.		Pabst (1953)		
E	+	***B. lietzei*** (Regel) Chiron & V.P. Castro	J.Z. Matos 84 (FLOR)		FOD	Forest interior.
		O. lietzei Regel		Pabst and Dungs (1977)		
E	*	***B. riograndensis*** (Cogn.) Chiron & V.P. Castro	R.M. Klein 10082 (FLOR)	Docha Neto and Baptista (2011)	FED, FOD, FOM	Forest interior.
		Oncidium riograndense Cogn.		Klein (1979)		
E		***B. venusta*** (Drapiez) Chiron	R.M. Klein 10962 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Oncidium trulliferum Lindl.		Schinini *et al.* (2008)		
		Brasilidium Campacci				
E		***B. concolor*** (Hook.) F. Barros & V.T. Rodrigues	R.M. Klein 9731 (FLOR)	Reis *et al.* (2011)	FOM	Forest interior. Riparian forest.
		Oncidium concolor Hook.		Schinini *et al.* (2008)		
		O. ottonis Schltr.		Pabst and Dungs (1977)		
E		***B. crispum*** (Lodd.) Campacci	R.M. Klein 7094 (FLOR)		FOD	Forest interior. Riparian forest.
		Oncidium crispum Lodd.		Klein (1979)		
E	*	***B. gardneri*** (Lindl.) Campacci	R.M. Klein 10557 (FLOR)	Docha Neto and Baptista (2011)	FOD	Forest border. Riparian forest.
		Oncidium gardneri Lindl.		Klein (1979)		
E		***B. gravesianum*** (Rolfe) Campacci	M. Sakane s.n. (SP154651)	Reis *et al.* (2011)	FOD	Forest interior.
		Oncidium gravesianum Rolfe		Schinini *et al.* (2008)		
E	CR	***B. pectorale*** (Lindl.) Campacci	A. Seidel s.n. (HB)	Reis *et al.* (2011)	FOD	Forest interior.
		Oncidium pectorale Lindl.		Schinini *et al.* (2008)		
E	*	***B. praetextum*** (Rchb.f.) Campacci	T.J. Cadorin 1372 (FURB)	Docha Neto and Baptista (2011)	FOD, FOM	Forest interior.
		Capanemia Barb. Rodr.				
E		***C. adelaidae*** Brade	C.R. Buzatto 420 (ICN)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
E		***C. angustilabia*** Schltr.	Pabst and Dungs (1977)	Reis *et al.* (2011)	FOD	Forest interior.
E		***C. australis*** (Kraenzl.) Schltr.	R.M. Klein 5547 (MBM)	Reis *et al.* (2011)	FOD	Forest interior.
E		***C. gehrtii*** Hoehne	J. Caetano s.n. (FURB36261)	Reis *et al.* (2011)	FOD	Forest interior.
E		***C. micromera*** Barb. Rodr.	R.M. Klein 3061 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E		***C. superflua*** (Rchb.f.) Garay	R.M. Klein 4235 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		C. uliginosa Barb. Rodr.		Pabst (1953)		
E		***C. thereziae*** Barb. Rodr.	A. Korte 85 (FURB)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
		Coppensia Dumort.				
E		***C. bifolia*** (Sims) Dumort	R. Reitz and R.M Klein 14323 (US)	Reis *et al.* (2011)	FOD	Forest interior.
		Oncidium bifolium Sims		Schinini *et al.* (2008)		
R/T		***C. blanchetii*** (Rchb.f.) Campacci	Docha Neto and Baptista (2011)		FOD	Grasslands. Moist soil.
		Oncidium blancheti Rchb.f.		Schinini *et al.* (2008)		
T		***C. doniana*** (Bateman ex W. Baxter) Campacci		Reis *et al.* (2011)	FOD	Grasslands. Moist soil.
		Oncidium donianum Bateman ex W. Baxter		Schinini *et al.* (2008)		
		O. mixtum Schltr.	Pabst (1953)			
E/R/T		***C. flexuosa*** (Sims) Campacci	R.M. Klein 6895 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Interior or border of forest.
		Oncidium flexuosum Sims		Schinini *et al.* (2008)		

Table 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
T			***C. fuscans*** (Rchb.f.) Campacci	R.M. Klein 4491 (FLOR)	Reis *et al.* (2011)	FOD	Grasslands.
			Oncidium fuscans Rchb.f.		Pabst and Dungs (1977)		
T			***C. hydrophila*** (Barb. Rodr.) Campacci	Pabst and Dungs (1977)	Docha Neto and Baptista (2011)	FOD	Grasslands. Moist soil.
E		+	***C. hookeri*** (Rolfe) F. Barros & L. Guimarães	J.L. Schmitt 1531 (FURB)		FOD, FOM	Interior da Mata. Riparian forest.
			Oncidium hookeri Rolfe		Hoehne (1949)		
E			***C. loefgrenii*** (Cogn.) F. Barros & V.T. Rodrigues	R.M. Klein 10882 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
E			***C. loefgrenii*** (Cogn.) F. Barros & V.T. Rodrigues	R.M. Klein 10882 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
			Oncidium loefgrenii Cogn.		Klein (1979)		
E			***C. longicorna*** (Mutel) F. Barros & V.T. Rodrigues	L.B. Smith 12807 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Oncidium longicornu Mutel		Schinini *et al.* (2008)		
E	VU		***C. macronyx*** (Rchb.f.) F. Barros & V.T. Rodrigues	H.D. Bicalho s.n. (SP330871)	Reis *et al.* (2011)	FED, FOM	Forest interior.
			Oncidium macronyx Rchb.f.		Schinini *et al.* (2008)		
			Rhinocidium macronyx (Rchb.f.) Baptista		Docha Neto and Baptista (2011)		
T			***C. montana*** (Barb. Rodr.) Campacci	R. Reitz 7754 (FLOR)	Docha Neto and Baptista (2011)	FOD	Grasslands. Moist soil.
			Oncidium pirarense Rchb.f.		Schinini *et al.* (2008)		
E			***C. paranaensis*** (Kraenzl.) F. Barros & V.T. Rodrigues	L.B. Smith 13684 (FLOR)	Reis *et al.* (2011)	FED, FOM	Forest interior. Riparian forest.
			Oncidium hatschbachii Schltr.		Pabst (1952)		
			O. paranaense Kraenzl.		Schinini *et al.* (2008)		
			Rhinocidium paranaense (Kraenzl.) Docha Neto		Docha Neto and Baptista (2011)		
E			***C. ranifera*** (Lindl.) F. Barros & V.T. Rodrigues	M. Verdi 584 (FURB)		FOD, FOM	Forest interior.
			Oncidium raniferum Lindl.		Schinini *et al.* (2008)		
			Rhinocidium raniferum (Lindl.) Baptista		Docha Neto and Baptista (2011)		
			Gomesa R. Br.				
E			***G. barkeri*** (Hook.) Regel	A. Bresolin 719 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***G. crispa*** (Lindl.) Klotzsch & Rchb.f.	R.M. Klein 7347 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***G. divaricata*** Hoffmanns. ex Schltr.	R. Reitz 4101 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
E			***G. duseniana*** Kraenzl.	R.M. Klein 10030 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***G. fischeri*** Regel	R.M. Klein 6703 (FLOR)	Reis *et al.* (2011)	FOD	Interior or border of forest.
E			***G. glaziovii*** Cogn.	J.Z. Matos s.n. (FLOR38469)	Reis *et al.* (2011)	FOD	Forest interior.
E			***G. gomezoides*** (Barb. Rodr.) Pabst	A. Bresolin 451 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Rodrigueziella gomezoides (Barb. Rodr.) Pabst		Docha Neto and Baptista (2011)		
			Theodorea gomezoides Barb. Rodr.		Klein (1979)		
E			***G. handroi*** (Hoehne) Pabst	J. Caetano s.n. (FURB36288)	Reis *et al.* (2011)	FOD	Forest interior.
			Rodrigueziella handroi (Hoehne) Pabst		Docha Neto and Baptista (2011)		
E			***G. laxiflora*** (Lindl.) Rchb.f.	R.M. Klein 8068 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***G. paranaensis*** Kraenzl.	R.M. Klein 7399 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***G. planifolia*** (Lindl.) Kl. & Rchb.f.	F. Plaumann 285 (RB)	Reis *et al.* (2011)	FOD	Forest interior.
E			***G. recurva*** R.Br.	T.J. Cadorin 808 (FURB)	Reis *et al.* (2011)	FED, FOD, FOM	Forest interior.
			Grandiphyllum Docha Neto				
E	VU	*	***G. divaricatum*** (Lindl.) Docha Neto	R. Reitz and R.M. Klein 7573 (US)	Reis *et al.* (2011)	FED, FOD	Forest interior.
			Oncidium divaricatum Lindl.		Schinini *et al.* (2008)		
E			***G. edwallii*** (Cogn.) Docha Neto	Pabst and Dungs (1977)		FOD	
			Oncidium edwallii Cogn.		Pabst (1957)		
E	VU	*	***G. hians*** (Lindl.) Docha Neto	M. Verdi 4092 (FURB)	Docha Neto and Baptista (2011)	FOD	Forest interior.
E			***G. pulvinatum*** (Lindl.) Docha Neto	F. Plaumann 278a (RB)	Reis *et al.* (2011)	FOD	
			Oncidium pulvinatum Lindl.		Docha Neto and Baptista (2011)		
E		*	***G. sphegiferum*** (Lindl.) Docha Neto	Docha Neto and Baptista (2011)		FOD	

Table 1. *Continued.*

		NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
		Ionopsis Kunth				
E		***I. utricularioides*** (Sw.) Lindl.	A. Schwacke 4995 (RB)	Reis *et al.* (2011)	FOD	
		I. gardneri Lindl.		Pabst (1953)		
		I. paniculata Lindl.		Klein (1979)		
		Lockhartia Hook.				
E		***L. ludibunda*** Rchb.f.	A.C. Brade 43785 (RB)	Reis *et al.* (2011)	FOD	Forest interior.
E		***L. lunifera*** (Lindl.) Rchb.f.	A. Bresolin 488 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Miltonia Lindl.				
E		***M. flavescens*** (Lindl.) Lindl.	R.M. Klein 9801 (FLOR)	Reis *et al.* (2011)	FOD	Border forest.
E		***M. regnellii*** Rchb.f.	R.M. Klein 7170 (FLOR)	Klein (1979)	FOD	Forest interior. Riparian forest.
E		***M. russelliana*** (Lindl.) Lindl.	A Schwacke s.n. (RB37191)	Pabst and Dungs (1977)	FOD	
		Anneliesia russelliana (Lindl.) Senghas & Lückel		Reis *et al.* (2011)		
		Notylia Lindl.				
E		***N. hemitricha*** Barb. Rodr.	R.M. Klein 10081 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
E		***N. lyrata*** S. Moore	R.M. Klein 8198 (FLOR)	Klein *et al.* (1978)	FOD	Forest interior.
E		***N. pubescens*** S. Moore	J.Z. Matos 42 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E	*	***N. sagittifera*** Link	N. P. Dusén 9853 (S)	Reis *et al.* (2011)	FOD	
		Ornithocephalus Hook.				
E	*	***O. brachystachys*** Schltr.	Klein *et al.* (1978)	Reis *et al.* (2011)	FOD	
E		***O. myrticola*** Lindl.	R.M. Klein 8197 (FLOR)	Reis *et al.* (2011)	FOD	Interior or border of forest.
		O.reitzii Pabst		Pabst (1953)		
		Ornithophora Barb. Rodr.				
E		***O. radicans*** (Rchb.f.) Garay and Pabst	A. Korte 2212 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
		Phymatidium Lindl.				
E		***P. aquinoi*** Schltr.	T.J. Cadorin 814 (FURB)	Toscano de Brito (2007)	FOD	Forest interior.
E		***P. delicatulum*** Lindl.	A. Bresolin 417 (FLOR)	Pabst and Dungs (1977)	FOD, FOM	Interior or border of forest.
		P. myrtophilum Barb. Rodr.		Schinini *et al.* (2008)		
		P. paranaense A. Samp.		Schinini *et al.* (2008)		
E		***P. falcifolium*** Lindl.	R.M. Klein 10677 (FLOR)	Klein (1979)	FOD	Interior or border of forest.
		P. tillandsioides Barb. Rodr.		Klein *et al.* (1978)		
E	*	***P. hysteranthum*** Barb. Rodr.	A. Stival-Santos 1498 (FURB)	Reis *et al.* (2011)	FOD, FOM	Interior or border of forest. Riparian forest.
E		***P. microphyllum*** (Barb. Rodr.) Toscano	R. Reitz 5490 (HB)	Reis *et al.* (2011)	FOD	Forest interior.
		P. herteri Schltr.		Klein (1979)		
		Platyrhiza Barb. Rodr.				
E		***P. quadricolor*** Barb. Rodr.	A. Bresolin 41 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Rodriguezia Ruiz & Pav.				
E		***R. bracteata*** (Vell.) Hoehne	A. Stival-Santos 3085 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
E/R		***R. decora*** (Lem.) Rchb.f.	C.E. Siqueira 319 (FLOR)	Reis *et al.* (2011)	FOD, RST	Interior or border of forest.
E	+	***R. venusta*** Rchb.f.	A. Korte 5053 (FURB)		FOD, RST	Forest interior.
		Rodrigueziopsis Schltr.				
E		***R. eleutherosepala*** (Barb. Rodr.) Schltr.	A. Korte 1551 (FURB)	Reis *et al.* (2011)	FOD, FOM	Forest interior. Riparian forest.
		Trichocentrum Poepp. & Endl.				
E		***T. fuscum*** Lindl.	Pabst and Dungs (1977)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Trizeuxis Lindl.				
E		***T. falcata*** Lindl.	R. Reitz 10275 (FLOR)	Reis *et al.* (2011)	FOD	Border forest.
		Warmingia Rchb.f.				
E		***W. eugenii*** Rchb.f.	T.J. Cadorin 922 (FURB)	Klein (1979)	FOD	Forest interior.
		Zygostates Lindl.				
E		***Z. alleniana*** Kraenzl.	R.M. Klein 8099 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
E	VU	***Z. bradei*** (Schltr.) Garay	Barros *et al.* (2013)		FOD	Forest interior.
E		***Z. cornuta*** Lindl.	A.L. Gasper 88 (FURB)	Barros *et al.* (2013)	FOD, FOM	Forest interior.
E		***Z. dasyrhiza*** (Kraenzl.) Schltr.	A. Korte 1173 (FURB)	Schinini *et al.* (2008)	FOD, FOM	Forest interior.
		Z. paranaensis Schltr.		Pabst (1953)		
E	*	***Z. lunata*** Lindl.	S. Dreveck 1678 (FURB)	Schinini *et al.* (2008)	FOD	Forest interior.
E		***Z. pellucida*** Rchb.f.	M. Verdi 2773 (FURB)	Barros *et al.* (2013)	FOD	Forest interior.
		Dipteranthus pellucidus (Rchb.f.) Cogn.		Schinini *et al.* (2008)		

TABLE 1. *Continued.*

		NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E		***Z. pustulata*** (Kraenzl.) Schltr.	R.M. Klein 10477 (FLOR)	Barros *et al.* (2013)	FOD, FOM	Forest interior.
		Dipteranthus pustulatus (Kraenzl.) Pabst		Schinini *et al.* (2008)		
		Derived Epidendroideae, **Cymbidieae, Maxillariinae**				
		Bifrenaria Lindl.				
E		***B. aureofulva*** Lindl.	R.M. Klein 10890 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E		***B. harrisoniae*** (Hook.) Rchb.f.	J.Z. Matos 7 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
E		***B. inodora*** Lindl.	A. Bresolin 1108 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E/R		***B. tetragona*** (Lindl.) Schltr.	A. Bresolin 115 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Brasiliorchis R.B. Singer *et al.*				
E/R		***B. chrysantha*** (Barb. Rodr.) R.B. Singer *et al.*	R.M. Klein 3026 (FLOR)	Reis *et al.* (2011)	FOD	Interior or border of forest.
		Maxillaria chrysantha Barb. Rodr.		Schinini *et al.* (2008)		
E/R		***B. gracilis*** (Lodd.) R.B. Singer *et al.*	J.Z. Matos 55 (FLOR)	Docha Neto and Baptista (2011)	FOD	Interior or border of forest. Riparian forest.
E		***B. marginata*** (Lindl.) R.B. Singer *et al.*	A. Bresolin 40 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Maxillaria marginata (Lindl.) Fenzl		Schinini *et al.* (2008)		
E		***B. picta*** (Hook.) R.B. Singer *et al.*	J.Z. Matos 98 (FLOR)	Docha Neto and Baptista (2011)	FOD, FOM	Forest interior.
		Maxillaria picta Hook.		Schinini *et al.* (2008)		
E		***B. porphyrostele*** (Rchb.f.) R.B. Singer *et al.*	R. Reitz 15331 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Maxillaria porphyrostele Rchb.f.		Klein (1979)		
		Camaridium Lindl.				
E		***C. carinatum*** (Barb. Rodr.) Hoehne	T.J. Cadorin 37 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		C. hoehnei Pabst		Klein (1979)		
		Maxillaria imbricata Barb. Rodr.		Schinini *et al.* (2008)		
		M. jenischiana (Rchb.f.) C. Schweinf.		Klein *et al.* (1978)		
E		***C. micranthum*** M.A. Blanco	R.R.B Negrelle A874 (UPCB)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Maxillaria parviflora (Poepp. & Endl.) Garay		Schinini *et al.* (2008)		
		Ornithidium parviflorum (Poepp. & Endl.) Rchb.f.		Klein (1979)		
		Pseudomaxillaria chloroleuca (Rchb.f.) Hoehne		Pabst (1959)		
		Christensonella Szlach. *et al.*				
E		***C. ferdinandiana*** (Barb. Rodr.) Szlach. *et al.*	D.B. Falkenberg 6299-a (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Maxillaria ferdinandiana Barb. Rodr.		Schinini *et al.* (2008)		
E		***C. neuwiedii*** (Rchb.f.) S.Koehler	R. Reitz 10202 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
		Maxillaria neuwiedii Rchb.f.		Schinini *et al.* (2008)		
		M. vernicosa Barb. Rodr.		Klein (1979)		
E		***C. pachyphylla*** (Schltr. ex Hoehne) Szlach. *et al.*	A.C. Brade 43518 (RB)	Barros *et al.* (2013)	FOD	Forest interior.
		Maxillaria pachyphylla Schltr.		Pabst and Dungs (1977)		
E		***C. paranaensis*** (Barb. Rodr.) S.Koehler	M. Lenzi 17 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
		Maxillaria juergensii Schltr.		Schinini *et al.* (2008)		
E		***C. pumila*** (Hook.) Szlach. *et al.*	Pabst (1953)	Reis *et al.* (2011)	FOD	Forest interior.
		Maxillaria plebeja Rchb.f.		Schinini *et al.* (2008)		
		M. pumila Hook.		Schinini *et al.* (2008)		
E		***C. subulata*** (Lindl.) Szlach. *et al.*	R.M. Klein 9843 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Maxillaria moseniii Kraenzl.		Klein (1979)		
		M. subulata Lindl.		Pabst (1953)		
		Heterotaxis Lindl.				
R		***H. brasiliensis*** (Brieger & Illg) F. Barros	J.Z. Matos 145 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
		Maxillaria brasiliensis Brieger & Illg		Schinini *et al.* (2008)		
E	+	***H. discolor*** (G. Lodd. ex Lindl.) Ojeda & Carnevali	R.M. Klein 8484 (FLOR)		FOD	Forest interior.
		Maxillaria discolor (Lindley) Rchb.f.		Klein (1979)		

TABLE 1. *Continued.*

		NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E		***H. valenzuelana*** (A.Rich.) F. Barros	R.M. Klein 137 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Marsupiaria valenzuelana (A. Rich.) Garay		Pabst (1953)		
		M. iridifolia (Bateman ex Rchb.f.) Rchb.f		Klein *et al.* (1978)		
		Maxillaria valenzuelana (A. Rich.) Nash		Schinini *et al.* (2008)		
		Lophiaris (Lindl.) Braem				
E		***L. pumila*** (Lindl.) Braem	C.E. Siqueira 30 (FLOR)	Reis *et al.* (2011)	FED, FOD, FOM	Forest border. Riparian forest. Degraded areas.
		Oncidium pumilum Lindl.		Klein (1979)		
		Trichocentrum pumilum (Lindl.) M.W. Chase & N.H. Williams		Schinini *et al.* (2008)		
		Mapinguari Carnevali & R.B. Singer				
E		***M. desvauxianus*** (Rchb.f.) Carnevali & R.B Singer	Pabst and Dungs (1977)	Reis *et al.* (2011)	FOD	
		Maxillaria desvauxiana Rchb.f.		Schinini *et al.* (2008)		
		Maxillaria Ruiz & Pav.				
E	#	***M. binoti*** De Wild.	Barros *et al.* (2013)			
E		***M. bradei*** Schltr. ex Hoehne	M. Lenzi 42 (FLOR)	Reis *et al.* (2011)		
E		***M. chlorantha*** Lindl.	A. Bresolin 470 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E		***M. leucaimata*** Barb. Rodr.	J.Z. Matos 74 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
E		***M. lindleyana*** Schltr.	R.M. Klein 9844 (FLOR)	Docha Neto and Baptista (2011)	FOD	Forest interior.
		M. crocea Lindl.		Klein (1979)		
E		***M. ochroleuca*** Lodd. ex Lindl.	A. Bresolin 864 (FLOR)	Klein (1979)	FOD	Forest interior.
		Maxillariella M.A. Blanco				
E		***M. robusta*** (Barb. Rodr.) M.A. Blanco & Carnevali	R. Reitz 6211 (FLOR)	Reis *et al.* (2011)	FED, FOD	Forest interior. Riparian forest.
		Maxillaria johannis Pabst		Schinini *et al.* (2008)		
		Mormolyca Frenzl				
E		***M. cleistogama*** (Brieger & Illg) M.A. Blanco	J. Caetano s.n. (FURB36888)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Maxillaria cleistogama Brieger & Illg		Schinini *et al.* (2008)		
E		***M. rufescens*** (Lindl.) M.A. Blanco	R.M. Klein 10842 (FLOR)	Reis *et al.* (2011)	FED, FOD	Forest interior. Riparian forest.
		M. rufescens Lindl.		Klein (1979)		
		Ornithidium Salisb. ex R. Br.				
E/R	+	***O. rigidum*** (Barb. Rodr.) M.A. Blanco & Ojeda	W.S. Mancinelli 990 (UPCB)		FOD	Forest interior.
		Rhetinantha M.A. Blanco				
E		***R. notylioglossa*** (Rchb.f.) M.A. Blanco	R.M. Klein 10107 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
		Maxillaria cerifera Barb. Rodr.		Klein (1979)		
		M. notylioglossa Rchb.f.		Klein (1979)		
		Scuticaria Lindl.				
E		***S. hadwenii*** (Lindl.) Planch.	Pabst and Dungs (1977)	Reis *et al.* (2011)	FOD	Forest interior.
		Trigonidium Lindl.				
E		***T. obtusum*** Lindl.	E. Caglioni 133 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
		Xylobium Lindl.				
E		***X. colleyi*** (Batem. ex Lindl.) Rolfe	Pabst and Dungs (1977)	Reis *et al.* (2011)	FOD	Forest border. Riparian forest.
		X. brachystachyum Kraenzl.		Pabst (1953)		
E		***X. variegatum*** (Ruiz & Pav.) Mansf.	R.M. Klein 9287 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
		X. squalens (Lindl.) Lindl.		Pabst (1953)		
		Derived Epidendroideae, **Cymbidieae, Stanhopeinae**				
		Cirrhaea Lindl.				
E		***C. dependens*** (Lodd.) Loudon	A. Bresolin 111 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E	EN	***C. fuscolutea*** Lindl.	A. Bresolin 74 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest border.
		C. saccata Lindl.		Schinini *et al.* (2008)		
E	CR	***C. loddigesii*** Lindl.	Pabst and Dungs (1977)	Reis *et al.* (2011)	FOD	Forest interior.
E	VU	***C. longiracemosa*** Hoehne	F.C. Hoehne s.n. (SP24486)	Reis *et al.* (2011)	FOD	
		Gongora Ruiz & Pav.				
E		***G. bufonia*** Lindl.	Rohr (1951)	Reis *et al.* (2011)	FOD	Forest interior.
		Stanhopea Frost ex Hook.				
E		***S. insignis*** Frost ex Hook.	Pabst (1953)	Reis *et al.* (2011)	FOD	Forest interior.

TABLE 1. *Continued.*

			NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
E			***S. lietzei*** (Regel) Schltr.	A. Bresolin 132 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
			S. graveolens Lindl.		Klein (1979)		
			Derived Epidendroideae, **Cymbidieae, Zygopetalinae**				
			Hoehneella Ruschi				
E			***H. gehrtiana*** (Hoehne) Ruschi	Pabst and Dungs (1977)	Reis *et al.* (2011)	FOD	Forest interior.
			Huntleya Batem. ex Lindl.				
E			***H. meleagris*** Lindl.	A. Bresolin 416 (FLOR)	Klein (1979)	FOD	Forest interior.
			Dichaea Lindl.				
E		*	***D. anchorifera*** Cogn.	P. Schwacke 13181 (RB)	Reis *et al.* (2011)	FOD	Forest interior.
E			***D. australlis*** Cogn.	T.J. Cadorin 1207 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
E			***D. cogniauxiana*** Schltr.	A. Bresolin 510 (FLOR)	Reis *et al.* (2011)	FOD, FOM, RST	Interior or border of forest. Riparian forest.
E			***D. pendula*** (Aubl.) Cogn.	R.M. Klein 7058 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Pabstia Garay				
E			***P. modestior*** (Rchb.f.) Garay	Barros *et al.* (2013)	Reis *et al.* (2011)	FOD	Forest interior.
E			***P. viridis*** (Lindl.) Garay	Pabst and Dungs (1977)	Reis *et al.* (2011)	FOD	Forest interior.
			Paradisanthus Rchb.f.				
T			***P. micranthus*** (Barb. Rodr.) Schltr.	J.A. Rohr 2058 (HB)	Reis *et al.* (2011)	FOD, RST	Forest interior.
			P. bahiensis Rchb.f.		Schinini *et al.* (2008)		
T		*	***P. mosenii*** Rchb.f.	Rohr (1951)	Reis *et al.* (2011)	FOD	Forest interior.
			Promenaea Lindl.				
E		#	***P. acuminata*** Schltr.	Schlechter (1919)	Reis *et al.* (2011)	FOD	Forest interior.
E			***P. albescens*** Schltr.	Schlechter (1921)	Reis *et al.* (2011)	FOD	Forest interior.
E		#	***P. catharinensis*** Schltr.	Schlechter (1921)	Reis *et al.* (2011)	FOD	Forest interior.
E	EN		***P. fuerstenbergiana*** Schltr.	R.M. Klein 10027 (FLOR)	Reis *et al.* (2011)		
E			***P. paranaensis*** Schltr.	A. Korte 5084 (FURB)	Reis *et al.* (2011)	FOD	Forest interior.
E			***P. riograndensis*** Schltr.	L.C. Oliveira s.n. (CRI8945)	Reis *et al.* (2011)	FOD	Forest interior.
E			***P. rollissonii*** (Lindl.) Lindl.	R.M. Klein 9652 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***P. stapelioides*** (Link & Otto) Lindl.	R.M. Klein 8247 (FLOR)	Reis *et al.* (2011)	FOD, FOM	Forest interior.
E			***P. xanthina*** Lindl.	R.M. Klein 7886 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Warrea Lindl.				
T			***W. warreana*** (Lodd. ex Lindl.) C.Schweinf.	Barros *et al.* (2013)		FOD	Forest interior.
			Zygopetalum Hook.				
E			***Z. critinum*** Lodd.	A. Bresolin 838 (FLOR)	Schinini *et al.* (2008)	FOD	
E/R			***Z. maculatum*** (Kunth) Garay	R.M. Klein 10014 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			Z. mackayi Hook.		Schinini et al. (2008)		
E			***Z. maxillare*** Lodd.	R. Reitz 10997 (FLOR)	Schinini *et al.* (2008)	FOD, FOM	Forest interior.
			Derived Epidendroideae, **Vandeae, Angraecinae**				
			Campylocentrum Benth.				
E			***C. brachycarpum*** Cogn.	A. Bresolin 18 (FLOR)	Reis *et al.* (2011)	FOD, RST	Forest interior.
E			***C. densiflorum*** Cogn.	R.M. Klein 7078	Reis *et al.* (2011)	FOD	Forest interior.
			C. aromaticum Barb. Rodr.		Reis *et al.* (2011)		
			C. rhomboglossum Hoehne & Schltr.		Klein (1979)		
			C. trachycarpum Kraenzl.		Klein (1979)		
E			***C. gracile*** Cogn.	A.C. Brade 50159 (RB)	Reis *et al.* (2011)	FOD	Forest interior.
E			***C. grisebachii*** Cogn.	R.M. Klein 2993 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
			C. burchelli Cogn.		Klein (1979)		
E			***C. hirtellum*** Cogn.	R. Reitz 1152 (HB)	Klein (1979)	FOD	Forest interior.
E		+	***C. lansbergii*** (Rchb.f.) Schltr.	J.Z. Matos 9 (FLOR)		FOD	Forest interior.
E			***C. neglectum*** (Rchb.f. & Warm.) Cogn.	Pabst (1953)	Reis *et al.* (2011)	FOD	Forest interior.
E			***C. ornithorrhynchum*** (Lindl.) Rolfe	A. Bresolin 21 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***C. parahybunense*** (Barb. Rodr.) Rolfe	R.M. Klein 7903 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E			***C. pauloense*** (Schltr.) Hoehne	R. Reitz 4219 (HBR)	Klein (1979)	FOD	Forest interior.
			C. linearifolium Cogn		Reis *et al.* (2011)		
E			***C. ulei*** Cogn.	R.M. Klein 10686 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.

Table 1. *Continued.*

	NAMES CITED TO SC	VOUCHER/BIB. REFERENCE	BIBLIOGRAPHIC REFERENCE TO SC	FORMATION	HABITAT
	Derived Epidendroideae, **Polystachyinae**				
	Polystachya Hook.				
E	***P. caespitosa*** Barb. Rodr.	R.M. Klein 7303 (FLOR)	Klein (1979)	FOD	Forest interior.
E/R	***P. concreta*** (Jacq.) Garay & Sweet	T.J. Cadorin 1371 (FURB)	Reis *et al.* (2011)	FOD, FOM, RST	Forest interior. Riparian forest.
E/R	***P. estrellensis*** Rchb.f.	R.M. Klein 7093 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.
E	***P. foliosa*** (Lindl.) Rchb.f.	R.M. Klein 7380 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior. Riparian forest.
E	***P. pinicola*** Schltr.	A. Bresolin 77 (FLOR)	Reis *et al.* (2011)	FOD	Forest interior.